0000950170-24-09009210-Q Alcoa Corp 2024080220240802170537170537170537 0 0000950170-24-090092 10-Q 98 20240630 20240802 20240802 Alcoa Corp 0001675149 3334 811789115 DE 1231 10-Q 34 001-37816 241172020 201 ISABELLA STREET SUITE 500 PITTSBURGH PA 15212 412-315-2900 201 ISABELLA STREET SUITE 500 PITTSBURGH PA 15212 Alcoa Upstream Corp 20160520 10-Q 1 aa-20240630.htm 10-Q 10-Q --12-31Q2false000167514493000 April 2025http://fasb.org/us-gaap/2024#RevenueFromContractWithCustomerExcludingAssessedTaxhttp://fasb.org/us-gaap/2024#RevenueFromContractWithCustomerExcludingAssessedTaxhttp://fasb.org/us-gaap/2024#OtherComprehensiveIncomeLossCashFlowHedgeGainLossAfterReclassificationAndTaxhttp://fasb.org/us-gaap/2024#OtherComprehensiveIncomeLossCashFlowHedgeGainLossAfterReclassificationAndTaxhttp://fasb.org/us-gaap/2024#RevenueFromContractWithCustomerExcludingAssessedTaxhttp://fasb.org/us-gaap/2024#RevenueFromContractWithCustomerExcludingAssessedTaxhttp://fasb.org/us-gaap/2024#OtherComprehensiveIncomeLossCashFlowHedgeGainLossAfterReclassificationAndTaxhttp://fasb.org/us-gaap/2024#OtherComprehensiveIncomeLossCashFlowHedgeGainLossAfterReclassificationAndTaxhttp://fasb.org/us-gaap/2024#AccruedEnvironmentalLossContingenciesNoncurrenthttp://fasb.org/us-gaap/2024#OtherLiabilitiesCurrenthttp://fasb.org/us-gaap/2024#OtherLiabilitiesCurrentP4YP3Y0001675149us-gaap:SalesMemberaa:EmbeddedCreditDerivativeMember2024-04-012024-06-300001675149us-gaap:CostOfSalesMember2024-04-012024-06-300001675149aa:StockAwardsAndStockOptionsMember2024-01-012024-06-300001675149us-gaap:OtherPostretirementBenefitPlansDefinedBenefitMember2024-04-012024-06-300001675149us-gaap:ParentMemberaa:AluminumContractsMember2023-01-012023-06-300001675149aa:WenatcheeFacilityMember2024-01-012024-06-300001675149us-gaap:FairValueInputsLevel1Memberaa:ForeignExchangeSellForwardsMember2024-06-300001675149us-gaap:DesignatedAsHedgingInstrumentMemberaa:DerivativeInstrumentLevel1Memberus-gaap:CostOfSalesMember2023-01-012023-06-300001675149us-gaap:OperatingSegmentsMemberaa:AluminumMember2024-04-012024-06-300001675149us-gaap:OtherPostretirementBenefitPlansDefinedBenefitMember2023-04-012023-06-300001675149us-gaap:OperatingSegmentsMemberaa:AluminumMember:ThirdPartySalesMember2023-01-012023-06-300001675149us-gaap:NoncontrollingInterestMember2024-06-300001675149us-gaap:AdditionalPaidInCapitalMember2024-03-310001675149aa:FerndaleWashingtonMember2024-01-012024-06-300001675149aa:OtherReceivablesMember2024-06-300001675149aa:AluminaMember2024-04-012024-06-3000016751492022-12-310001675149aa:DerivativeInstrumentLevel3Member2024-06-300001675149us-gaap:OperatingSegmentsMemberaa:ThirdPartySalesMember2023-04-012023-06-300001675149aa:DerivativeInstrumentLevel3Member2024-01-012024-06-300001675149aa:OtherProductsMemberus-gaap:EquityMethodInvestmentNonconsolidatedInvesteeOrGroupOfInvesteesMember2024-01-012024-06-300001675149us-gaap:AustralianTaxationOfficeMemberaa:ForeignCountryMemberaa:AlcoaOfAustraliaLimitedMember2023-12-310001675149us-gaap:CommonStockMember2023-06-300001675149aa:ReceivablesPurchaseAgreementMemberus-gaap:AccountsPayableMember2023-12-310001675149us-gaap:DesignatedAsHedgingInstrumentMemberus-gaap:FairValueInputsLevel3Memberus-gaap:EnergyRelatedDerivativeMember2024-06-300001675149aa:AlcoaNonvotingConvertiblePreferredStockMemberus-gaap:SubsequentEventMemberaa:AluminaLimitedMemberaa:SchemeImplementationDeedMember2024-08-012024-08-010001675149aa:DerivativeInstrumentLevel1And3Member2023-12-310001675149us-gaap:IntersegmentEliminationMember2023-01-012023-06-300001675149us-gaap:SubsequentEventMemberaa:AlcoaWorldAluminaAndChemicalsMemberaa:AluminaLimitedMember2024-08-010001675149us-gaap:OperatingSegmentsMemberaa:AluminumMember2024-01-012024-06-300001675149us-gaap:OperatingSegmentsMember2023-04-012023-06-300001675149us-gaap:SalesMember2023-04-012023-06-300001675149aa:StockAwardsAndStockOptionsMember2023-04-012023-06-300001675149aa:CommodityBuyForwardsMemberus-gaap:FairValueInputsLevel1Member2023-06-300001675149aa:MassenaNewYorkMembersrt:MaximumMember2024-01-012024-06-300001675149us-gaap:OperatingSegmentsMember2024-04-012024-06-3000016751492024-01-012024-03-310001675149aa:AluminumMember2023-01-012023-06-300001675149us-gaap:SubsequentEventMember:SchemeImplementationDeedMembersrt:MaximumMemberaa:AluminaLimitedMemberaa:AlcoaWorldAluminaAndChemicalsMember2024-08-010001675149aa:AluminaMember2024-01-012024-06-300001675149aa:AlcoaWorldAluminaAndChemicalsMemberaa:AluminaLimitedMember2024-06-300001675149aa:BauxiteMember2024-04-012024-06-300001675149us-gaap:IntersegmentEliminationMember2023-04-012023-06-300001675149aa:EmbeddedCreditDerivativeMember2024-06-300001675149us-gaap:FairValueInputsLevel3Memberaa:FinanceRelatedDerivativeMemberaa:InterrelationshipOfForwardEnergyPriceLMEForwardPriceAndConsumerPriceIndexMemberaa:TwoThousandTwentyFo... us-gaap:EnergyRelatedDerivativeMember2024-06-300001675149us-gaap:AccumulatedOtherComprehensiveIncomeMember2023-01-012023-06-300001675149us-gaap:FairValueInputsLevel3Memberaa:EstimatedSpreadBetweenTheRespectiveThirtyYearDebtYieldOfAlcoaCorporationAndTheCounterpartyMemberus-gaap:EnergyRelatedDerivativeMemberaa:PowerRelatedDerivativeMember2024-06-300001675149aa:ReceivablesPurchaseAgreementMembersrt:MaximumMember2023-12-310001675149aa:WenatcheeFacilityMember2024-04-012024-06-300001675149us-gaap:RetainedEarningsMember2024-01-012024-03-310001675149us-gaap:ParentMemberaa:AluminumContractsMember2024-04-012024-06-300001675149us-gaap:NoncontrollingInterestMember2023-03-310001675149aa:WarrickRollingMillMemberus-gaap:DisposalGroupHeldforsaleNotDiscontinuedOperationsMember2023-04-012023-06-300001675149us-gaap:ParentMemberus-gaap:ForeignExchangeContractMember2023-01-012023-06-300001675149currency:NOKus-gaap:ForeignExchangeForwardMembercountry:NO2024-01-012024-06-300001675149us-gaap:CorporateNonSegmentMember2024-04-012024-06-300001675149us-gaap:RetainedEarningsMember2024-03-310001675149us-gaap:IntersegmentEliminationMemberaa:AluminaMember2024-01-012024-06-300001675149aa:BrazilianFederalRevenueOfficeMemberaa:AlcoaWorldAluminaBrasilMember2022-02-012022-02-280001675149us-gaap:DesignatedAsHedgingInstrumentMemberaa:DerivativeInstrumentLevel1Memberus-gaap:SalesMember2023-04-012023-06-300001675149aa:TwoThousandTwentyFourActionPlanOneMember2024-01-082024-01-080001675149aa:BauxiteMember2023-04-012023-06-300001675149aa:IntalcoFacilityMemberus-gaap:CostOfSalesMember2023-03-012023-03-310001675149aa:AlcoaCorporationMemberaa:EnergyMember2023-04-012023-06-300001675149us-gaap:FairValueInputsLevel3Memberaa:MWhOfEnergyNeededToProduceForecastedMtOfAluminumAtRateOf2MillionMWhPerYearMembersrt:MaximumMemb... us-gaap:EnergyRelatedDerivativeMemberaa:PowerRelatedDerivativeMember2024-06-300001675149aa:EnergyMember2023-04-012023-06-300001675149aa:BrazilianFederalRevenueOfficeMemberaa:AlcoaWorldAluminaBrasilMember2012-05-012012-05-310001675149aa:AluminaMemberus-gaap:OperatingSegmentsMemberaa:ThirdPartySalesMember2024-04-012024-06-300001675149aa:BrazilianFederalRevenueOfficeMemberaa:AlcoaWorldAluminaBrasilMember2022-02-280001675149us-gaap:CorporateNonSegmentMember2023-04-012023-06-300001675149aa:NonvotingConvertiblePreferredStockMemberus-gaap:SubsequentEventMemberaa:AluminaLimitedMemberaa:SchemeImplementationDeedMember2024-08-010001675149aa:DerivativeInstrumentLevel1Member2023-04-012023-06-300001675149us-gaap:OperatingSegmentsMemberaa:AluminaMember2023-01-012023-06-300001675149us-gaap:OperatingSegmentsMemberaa:AluminaMember2024-04-012024-06-300001675149aa:CommodityBuyForwardsMemberus-gaap:FairValueInputsLevel1Member2024-06-300001675149us-gaap:CommonStockMember2024-03-310001675149us-gaap:SalesMember2023-01-012023-06-300001675149aa:SanCiprianFacilityMemberaa:RestructuringAndOtherChargesMember2023-01-012023-06-300001675149aa:AluminaMemberus-gaap:OperatingSegmentsMemberaa:ThirdPartySalesMember2024-01-012024-06-300001675149us-gaap:OperatingSegmentsMember2023-01-012023-06-300001675149aa:CHESSDepositaryInterestsMemberus-gaap:SubsequentEventMemberaa:AluminaLimitedMemberaa:SchemeImplementationDeedMember2024-08-012024-08-010001675149us-gaap:ParentMemberaa:AluminumContractsMember2024-01-012024-06-300001675149us-gaap:DesignatedAsHedgingInstrumentMemberaa:DerivativeInstrumentLevel1Memberus-gaap:SalesMember2023-01-012023-06-300001675149us-gaap:SubsequentEventMemberaa:AluminaLimitedMember2024-08-012024-08-010001675149aa:KwinanaRefineryMemberaa:TakeOrPayContractsMember2024-01-012024-06-300001675149us-gaap:RetainedEarningsMember2023-01-012023-03-310001675149us-gaap:RetainedEarningsMember2023-03-310001675149aa:AlcoaCorporationMemberaa:MaadenJointVentureMember2023-04-012023-06-300001675149srt:MinimumMemberaa:MassenaNewYorkMember2024-01-012024-06-300001675149us-gaap:NoncontrollingInterestMember2023-01-012023-06-300001675149us-gaap:FairValueInputsLevel3Memberus-gaap:NondesignatedMemberaa:EmbeddedCreditDerivativeMemberus-gaap:EnergyRelatedDerivativeMember2024-06-300001675149aa:FinanceRelatedDerivativeMember2024-01-012024-06-300001675149aa:PowerRelatedDerivativeMember2024-03-310001675149aa:ReceivablesPurchaseAgreementMemberus-gaap:AccountsPayableMember2024-06-300001675149aa:AluminumProductsSegmentMember2024-01-012024-06-300001675149aa:NoncontrollingAndEquityInterestMemberaa:DerivativeInstrumentLevel2Member2024-04-012024-06-300001675149srt:MaximumMember2024-01-012024-06-3000016751492023-01-012023-03-310001675149us-gaap:EstimateOfFairValueFairValueDisclosureMember2024-06-300001675149aa:OtherExitCostsMember2024-01-012024-06-300001675149us-gaap:OperatingSegmentsMemberaa:ThirdPartySalesMember2024-01-012024-06-300001675149us-gaap:FairValueInputsLevel3Memberus-gaap:NondesignatedMemberus-gaap:EnergyRelatedDerivativeMemberaa:FinanceRelatedDerivativeMember2023-12-310001675149aa:WaterManagementCostsMemberaa:KwinanaRefineryMember2024-01-012024-06-300001675149us-gaap:FairValueInputsLevel3Memberaa:MWhOfEnergyNeededToProducesForecastedMtOfAluminumAtRateOf18MillionMWhPerYearMemberus-gaap:EnergyRelatedDerivativeMemberaa:PowerRelatedDerivativeMember2024-01-012024-06-300001675149us-gaap:FairValueInputsLevel1Memberaa:ForeignExchangeSellForwardsMember2023-06-300001675149us-gaap:OperatingSegmentsMemberaa:AluminumMember2023-01-012023-06-3000016751492023-12-310001675149us-gaap:CostOfSalesMember2023-01-012023-06-300001675149us-gaap:SubsequentEventMember2024-08-010001675149us-gaap:FairValueInputsLevel3Memberaa:MWhOfEnergyNeededToProducesForecastedMtOfAluminumAtRateOf18MillionMWhPerYearMemberus-gaap:EnergyRelatedDerivativeMemberaa:PowerRelatedDerivativeMember2024-01-012024-06-300001675149us-gaap:FairValueInputsLevel1Memberaa:ForeignExchangeSellForwardsMember2023-06-300001675149us-gaap:OperatingSegmentsMemberaa:AluminumMember:ThirdPartySalesMember2024-01-012024-06-300001675149aa:PowerRelatedDerivativeMemberus-gaap:SalesMember2024-04-012024-06-300001675149srt:MinimumMember2024-01-012024-06-300001675149aa:TwoThousandTwentyFourActionPlanTwoMember2024-01-012024-06-300001675149aa:DollarTwoHundredAndFiftyJapaneseYenRevolvingCreditFacilityMember2023-12-310001675149us-gaap:OperatingSegmentsMemberaa:AluminumMemberaa:ThirdPartySalesMember2024-01-012024-06-300001675149aa:FinanceRelatedDerivativeMember2023-12-310001675149aa:ClosureCostMember:IntalcoFacilityMember2023-03-012023-03-310001675149us-gaap:OtherProductsMemberaa:AlcoaCorporationMember2023-01-012023-06-300001675149us-gaap:DesignatedAsHedgingInstrumentMemberaa:PowerRelatedDerivativeMemberus-gaap:CashFlowHedgingMember2024-01-012024-06-300001675149us-gaap:CorporateNonSegmentMember2024-01-012024-06-300001675149aa:DueInJanuaryTwoThousandAndTwentySixMemberaa:AluminaLimitedRevolvingCreditFacilityMemberus-gaap:SubsequentEventMember2024-08-012024-08-010001675149us-gaap:FairValueInputsLevel3Memberaa:MWhOfEnergyNeededToProducesForecastedMtOfAluminumAtRateOf18MillionMWhPerYearMemberaa:TwoThousandTwentyNineMemberus-gaap:EnergyRelatedDerivativeMemberaa:PowerRelatedDerivativeMember2024-06-300001675149aa:WarrickRollingMillMemberus-gaap:DisposalGroupHeldforsaleNotDiscontinuedOperationsMember2023-01-012023-06-300001675149us-gaap:AccumulatedOtherComprehensiveIncomeMember2024-06-300001675149us-gaap:CommonStockMember2023-12-310001675149us-gaap:FairValueInputsLevel3Memberaa:MWhOfEnergyNeededToProduceForecastedMtOfAluminumAtRateOf2MillionMWhPerYearMemberaa:TwoThousandTwentyFourMembersrt:MinimumMemb... us-gaap:EnergyRelatedDerivativeMemberaa:PowerRelatedDerivativeMember2024-06-300001675149us-gaap:NoncontrollingInterestMember2024-04-012024-06-300001675149aa:AlcoaCorporationMemberaa:MaadenJointVentureMember2024-01-012024-06-300001675149us-gaap:AdditionalPaidInCapitalMember2024-06-3000016751492023-01-012023-06-300001675149aa:AlcoaCorporationMemberaa:AlcoaWorldAluminaAndChemicalsMember2024-06-300001675149aa:DerivativeInstrumentLevel3Member2024-04-012024-06-300001675149us-gaap:EquityMethodInvestmentNonconsolidatedInvesteeOrGroupOfInvesteesMemberaa:EnergyMember2023-01-012023-06-300001675149us-gaap:RetainedEarningsMember2024-04-012024-06-300001675149us-gaap:EmployeeSeveranceMember2022-12-310001675149aa:OtherIncomeExpensesMemberaa:FinanceRelatedDerivativeMember2024-01-012024-06-300001675149aa:BrazilianFederalRevenueOfficeMembersrt:MinimumMemberaa:AlcoaWorldAluminaBrasilMember2024-01-012024-06-300001675149aa:AluminaMember2023-01-012023-06-300001675149aa:OtherExitCostsMember2023-12-310001675149aa:AluminumMember2023-04-012023-06-300001675149aa:SanCiprianFacilityMember2024-04-012024-06-300001675149us-gaap:InterestRateContractMemberus-gaap:NoncontrollingInterestMember2024-04-012024-06-300001675149us-gaap:ForeignExchangeForwardMembercountry:CA2024-01-012024-06-300001675149aa:BauxiteMember2024-01-012024-06-300001675149aa:ForeignExchangeBuyForwardsMemberus-gaap:FairValueInputsLevel1Member2023-06-300001675149us-gaap:ParentMemberus-gaap:InterestRateContractMember2024-04-012024-06-300001675149us-gaap:OperatingSegmentsMemberaa:ThirdPartySalesMember2024-04-012024-06-300001675149us-gaap:ParentMember2023-01-012023-06-300001675149us-gaap:CorporateNonSegmentMember2023-01-012023-06-300001675149us-gaap:AdditionalPaidInCapitalMember2024-01-012024-03-310001675149us-gaap:NonoperatingIncomeExpenseMemberaa:EmbeddedCreditDerivativeMember2024-04-012024-06-300001675149us-gaap:EmployeeSeveranceMember2024-01-012024-06-300001675149aa:PowerRelatedDerivativeMember2024-04-012024-06-300001675149us-gaap:EquityMethodInvestmentNonconsolidatedInvesteeOrGroupOfInvesteesMemberaa:EnergyMember2023-04-012023-06-300001675149us-gaap:PensionPlansDefinedBenefitMember2023-01-012023-06-300001675149aa:IntalcoAluminumSmelterMember2023-04-012023-06-300001675149country:US2024-04-012024-06-300001675149us-gaap:ForeignPlanMember2023-04-012023-06-300001675149aa:KwinanaRefineryMember2024-03-310001675149aa:DueInJulyTwoThousandAndTwentySixMemberaa:AluminaLimitedRevolvingCreditFacilityMemberus-gaap:SubsequentEventMember2024-08-010001675149aa:KwinanaRefineryMember2023-07-012023-09-300001675149us-gaap:InterestRateContractMemberus-gaap:NoncontrollingInterestMember2024-01-012024-06-300001675149us-gaap:ParentMemberus-gaap:ForeignExchangeContractMember2023-04-012023-06-300001675149us-gaap:AdditionalPaidInCapitalMember2023-04-012023-06-300001675149aa:DerivativeInstrumentLevel1Member2024-01-012024-06-300001675149aa:DerivativeInstrumentLevel1And3Member2024-06-300001675149aa:KwinanaRefineryMembersrt:ScenarioForecastMember2024-09-300001675149us-gaap:EquityMethodInvestmentNonconsolidatedInvesteeOrGroupOfInvesteesMemberaa:MiningMember2024-04-012024-06-300001675149us-gaap:ParentMember2024-06-300001675149us-gaap:SubsequentEventMember2024-07-310001675149us-gaap:AccumulatedOtherComprehensiveIncomeMember2023-01-012023-03-310001675149aa:BrazilianFederalRevenueOfficeMemberaa:AlcoaWorldAluminaBrasilMember2022-07-310001675149us-gaap:FairValueInputsLevel3Memberaa:TwoThousandTwentyFourMemberaa:MWhOfEnergyNeededToProducesForecastedMtOfAluminumAtRateOf18MillionMWhPerYearMemberus-gaap:EnergyRelatedDerivativeMemberaa:PowerRelatedDerivativeMember2024-06-300001675149aa:IntalcoFacilityMember2024-01-012024-06-300001675149us-gaap:ParentMember2022-12-310001675149us-gaap:EquityMethodInvestmentNonconsolidatedInvesteeOrGroupOfInvesteesMemberaa:MiningMember2023-01-012023-06-300001675149us-gaap:DebtInstrumentRedemptionPeriodTwoMemberaa:AlcoaNederlandHoldingBVMemberaa:SevenPointOneTwoFivePercentageSeniorNotesDueTwoThousandAndThirtyOneMembersrt:MaximumM... 01-012024-06-300001675149aa:OtherReceivablesMember2023-12-310001675149aa:BrazilianFederalRevenueOfficeMemberaa:AlcoaWorldAluminaBrasilMember2022-07-012022-07-310001675149aa:OtherExitCostsMember2022-12-310001675149aa:AssetRetirementObligationsMemberaa:KwinanaRefineryMember2024-01-012024-06-300001675149us-gaap:NonoperatingIncomeExpenseMemberaa:FinanceRelatedDerivativeMember2024-01-012024-06-300001675149us-gaap:DesignatedAsHedgingInstrumentMemberaa:PowerRelatedDerivativeMember2023-12-310001675149aa:ElysisLimitedPartnershipMember2013-03-310001675149us-gaap:RevolvingCreditFacilityMember2023-01-012023-06-300001675149aa:AlcoaCorporationMember2024-06-300001675149aa:ForeignExchangeBuyForwardsMemberus-

gaap:FairValueInputsLevel1Member2024-06-300001675149aa:DerivativeInstrumentLevel3Member2023-01-012023-06-300001675149us-gaap:ParentMemberus-gaap:ForeignExchangeContractMember2024-01-012024-06-300001675149us-gaap:SubsequentEventMemberaa:AluminaLimitedMemberaa:SchemeImplementationDeedMember2024-08-010001675149aa:TwoThousandTwentyFourActionPlanOneMember2024-01-012024-06-300001675149us-gaap:OperatingSegmentsMemberaa:AluminaMemberaa:ThirdPartySalesMember2023-01-012023-06-300001675149us-gaap:OperatingSegmentsMemberaa:AluminaMember2024-01-012024-06-300001675149aa:DueInJulyTwoThousandAndTwentySixMemberaa:AluminaLimitedRevolvingCreditFacilityMemberus-gaap:SubsequentEventMember2024-08-012024-08-010001675149aa:EnergyMember2024-04-012024-06-300001675149us-gaap:AustralianTaxationOfficeMemberus-gaap:ForeignCountryMemberaa:AlcoaOfAustraliaLimitedMember2020-09-300001675149us-gaap:EmployeeSeveranceMember2023-12-310001675149aa:AluminaLimitedRevolvingCreditFacilityMemberaa:DueInJuneTwoThousandAndTwentySevenMemberus-gaap:SubsequentEventMember2024-08-012024-08-010001675149aa:TwentyTwentyFourRestructuringPlanMember2024-04-012024-06-300001675149us-gaap:OperatingSegmentsMemberaa:AluminumProductsSegmentMember2023-01-012023-06-300001675149aa:IntalcoFacilityMember2023-01-012023-06-300001675149us-gaap:RevolvingCreditFacilityMember2023-12-310001675149aa:TwoThousandTwentyFourActionPlansMember2024-06-300001675149aa:DollarTwoHundredAndFiftyJapaneseYenRevolvingCreditFacilityMember2024-04-012024-06-300001675149aa:OtherProductsMemberaa:AlcoaCorporationMember2024-04-012024-06-300001675149aa:ElysisLimitedPartnershipMember2024-06-300001675149Q22023-01-012023-12-310001675149us-gaap:FairValueInputsLevel3Memberaa:MWhOfEnergyNeededToProduceForecastedMtOfAluminumAtRateOf2MillionMWhPerYearMemberus-gaap:EnergyRelatedDerivativeMemberaa:PowerRelatedDerivativeMember2024-06-300001675149us-gaap:RevolvingCreditFacilityMember2024-04-012024-06-300001675149aa:OtherProductsMember2024-04-012024-06-300001675149us-gaap:NoncontrollingInterestMember2024-01-012024-03-310001675149us-gaap:IntersegmentEliminationMemberaa:AluminumMember2024-01-012024-06-300001675149aa:SanCiprianFacilityMember2024-01-012024-06-300001675149us-gaap:PrepaidExpensesAndOtherCurrentAssetsMemberus-gaap:SubsequentEventMemberaa:AluminaLimitedMemberaa:SchemeImplementationDeedMember2024-08-010001675149us-gaap:RevolvingCreditFacilityMember2023-04-012023-06-300001675149aa:OtherExitCostsMember2024-06-300001675149aa:PowerRelatedDerivativeMember2024-06-300001675149aa:TwoThousandTwentyFourActionPlanTwoMember2024-06-300001675149us-gaap:OperatingSegmentsMemberaa:AluminumProductsSegmentMember2023-04-012023-06-300001675149us-gaap:CommonStockMember2023-03-310001675149aa:EnergyMember2023-01-012023-06-300001675149us-gaap:RetainedEarningsMember2023-12-310001675149aa:EmbeddedCreditDerivativeMember2024-01-012024-06-300001675149us-gaap:AccumulatedOtherComprehensiveIncomeMember2023-12-310001675149us-gaap:CommonStockMember2022-12-310001675149us-gaap:FairValueInputsLevel3Memberaa:MWhOfEnergyNeededToProduceForecastedMtOfAluminumAtRateOf4MillionMWhPerYearMemberus-gaap:EnergyRelatedDerivativeMemberaa:TwoThousandTwentySevenMemberus-gaap:FairValueInputsLevel3Memberus-gaap:NondesignatedMemberus-gaap:EnergyRelatedDerivativeMember2024-06-300001675149us-gaap:AccumulatedOtherComprehensiveIncomeMember2024-01-012024-03-310001675149aa:BrazilianFederalRevenueOfficeMemberaa:AlcoaWorldAluminaBrasilMember2022-08-012022-08-310001675149us-gaap:CarryingReportedAmountFairValueDisclosureMember2023-12-310001675149aa:ClosureCostMemberaa:IntalcoFacilityMember2024-01-012024-06-300001675149us-gaap:RetainedEarningsMember2023-06-300001675149us-gaap:AccumulatedOtherComprehensiveIncomeMember2024-03-310001675149aa:BrazilianFederalRevenueOfficeMemberaa:AlcoaWorldAluminaBrasilMembersrt:MaximumMember2024-01-012024-06-300001675149us-gaap:EmbeddedCreditDerivativeMember2024-04-012024-06-300001675149aa:WarrickRollingMillMemberus-gaap:DisposalGroupHeldforsaleNotDiscontinuedOperationsMember2024-06-300001675149aa:OtherProductsMember2023-01-012023-06-300001675149us-gaap:NoncontrollingInterestMember2023-01-012023-03-310001675149us-gaap:EquityMethodInvestmentNonconsolidatedInvesteeOrGroupOfInvesteesMemberaa:MiningMember2024-01-012024-06-300001675149us-gaap:ParentMemberaa:InterestRateContractMember2023-01-012023-06-300001675149us-gaap:ParentMember2023-03-310001675149us-gaap:CostOfSalesMember2023-04-012023-06-300001675149us-gaap:ParentMemberaa:AluminumContractsMember2023-04-012023-06-300001675149us-gaap:ParentMember2023-03-310001675149aa:IntalcoFacilityMember2023-01-012023-03-310001675149aa:WarrickRollingMillMemberus-gaap:DisposalGroupHeldforsaleNotDiscontinuedOperationsMember2024-01-012024-06-300001675149us-gaap:OperatingSegmentsMemberaa:ThirdPartySalesMember2023-01-012023-06-300001675149us-gaap:AdditionalPaidInCapitalMember2023-06-300001675149aa:TwentyTwentyThreeRestructuringPlanMember2023-01-012023-06-300001675149aa:ReceivablesPurchaseAgreementMember2023-01-012023-06-300001675149us-gaap:ForeignPlanMember2024-01-012024-06-300001675149us-gaap:EmployeeSeveranceMember2023-01-012023-12-310001675149aa:AluminaLimitedRevolvingCreditFacilityMemberus-gaap:SubsequentEventMember2024-08-010001675149us-gaap:ParentMember2024-04-012024-06-300001675149us-gaap:OtherNoncurrentAssetsMember2024-06-300001675149aa:AluminaLimitedRevolvingCreditFacilityMemberus-gaap:SubsequentEventMemberaa:DueInOctoberTwoThousandAndTwentyFiveMember2024-08-012024-08-010001675149232023-03-310001675149aa:AluminaLimitedRevolvingCreditFacilityMemberus-gaap:SubsequentEventMember2024-08-012024-08-010001675149us-gaap:PensionPlansDefinedBenefitMember2024-04-012024-06-300001675149us-gaap:AdditionalPaidInCapitalMember2023-03-310001675149aa:AluminumMember2024-01-012024-06-300001675149aa:NoncontrollingAndEquityInterestMemberaa:DerivativeInstrumentLevel2Member2024-01-012024-06-300001675149aa:AluminumMember2023-04-012023-06-300001675149aa:ReceivablesPurchaseAgreementMember2023-01-012023-12-310001675149aa:TwentyTwentyFourRestructuringPlanMember2024-01-012024-06-300001675149aa:DollarTwoHundredAndFiftyJapaneseYenRevolvingCreditFacilityMember2024-06-300001675149us-gaap:NonoperatingIncomeExpenseMemberaa:FinanceRelatedDerivativeMember2024-01-012024-06-300001675149us-gaap:FairValueInputsLevel3Memberus-gaap:EnergyRelatedDerivativeMember2023-12-310001675149aa:TwoThousandTwentyFourActionPlansMember2024-01-012024-06-300001675149us-gaap:NoncontrollingInterestMember2023-06-300001675149us-gaap:FairValueInputsLevel3Memberaa:MWhOfEnergyNeededToProduceForecastedMtOfAluminumAtRateOf4MillionMWhPerYearMemberus-gaap:EnergyRelatedDerivativeMemberaa:PowerRelatedDerivativeMember2024-06-300001675149us-gaap:FairValueInputsLevel3Memberaa:FinanceRelatedDerivativeMemberaa:InterrelationshipOfForwardEnergyPriceLMEForwardPriceAndConsumerPriceIndexMemberus-gaap:EnergyRelatedDerivativeMember2024-06-300001675149aa:DollarTwoHundredAndFiftyJapaneseYenRevolvingCreditFacilityMember2023-04-012023-06-300001675149us-gaap:SalesMemberaa:EmbeddedCreditDerivativeMember2024-01-012024-06-300001675149aa:DollarTwoHundredAndFiftyJapaneseYenRevolvingCreditFacilityMember2024-04-262024-04-260001675149us-gaap:DebtInstrumentRedemptionPeriodThreeMembersrt:MinimumMemberaa:AlcoaNederlandHoldingBVMemberaa:SevenPointOneTwoFivePercentageSeniorNotesDueTwoThousandAndThirtyOneMember2024-01-012024-06-300001675149us-gaap:PensionPlansDefinedBenefitMember2023-04-012023-06-300001675149aa:FinanceRelatedDerivativeMember2024-04-012024-06-3000016751492024-04-012024-06-300001675149us-gaap:IntersegmentEliminationMemberaa:AluminumMember2023-01-012023-06-300001675149aa:AlcoaNederlandHoldingBVMemberaa:SevenPointOneTwoFivePercentageSeniorNotesDueTwoThousandAndThirtyOneMember2024-01-012024-06-300001675149us-gaap:CostOfSalesMember2024-01-012024-06-300001675149aa:OtherProductsMemberus-gaap:EquityMethodInvestmentNonconsolidatedInvesteeOrGroupOfInvesteesMember2024-04-012024-06-300001675149us-gaap:AdditionalPaidInCapitalMember2023-01-012023-03-310001675149us-gaap:DebtInstrumentRedemptionPeriodThreeMemberaa:AlcoaNederlandHoldingBVMemberaa:SevenPointOneTwoFivePercentageSeniorNotesDueTwoThousandAndThirtyOneMembersrt:MaximumMember2024-01-012024-06-300001675149aa:AlcoaCorporationMember2022-10-012022-12-310001675149us-gaap:FairValueInputsLevel3Memberus-gaap:NondesignatedMemberaa:EmbeddedCreditDerivativeMemberus-gaap:EnergyRelatedDerivativeMember2023-12-310001675149aa:PowerRelatedDerivativeMemberus-gaap:SalesMember2024-01-012024-06-300001675149us-gaap:FairValueInputsLevel3Memberaa:MWhOfEnergyNeededToProduceForecastedMtOfAluminumAtRateOf2MillionMWhPerYearMemberus-gaap:EnergyRelatedDerivativeMemberaa:PowerRelatedDerivativeMember2024-01-012024-06-300001675149aa:AlcoaCorporationMemberaa:EnergyMember2024-01-012024-06-300001675149aa:CommoditySellForwardsMemberus-gaap:FairValueInputsLevel1Member2023-06-300001675149us-gaap:AustralianTaxationOfficeMemberus-gaap:ForeignCountryMemberaa:AlcoaOfAustraliaLimitedMember2020-07-012020-09-300001675149us-gaap:EstimateOfFairValueFairValueDisclosureMember2023-12-310001675149aa:OtherSitesMember2023-12-310001675149us-gaap:DesignatedAsHedgingInstrumentMemberaa:DerivativeInstrumentLevel1Memberus-gaap:CostOfSalesMember2023-04-012023-06-300001675149aa:AluminaMemberus-gaap:IntersegmentEliminationMember2023-04-012023-06-300001675149us-gaap:AdditionalPaidInCapitalMember2022-12-310001675149aa:BrazilianFederalRevenueOfficeMemberaa:AlcoaWorldAluminaBrasilMember2012-12-310001675149aa:AlcoaCorporationMemberaa:MiningMember2024-04-012024-06-300001675149aa:AluminaLimitedRevolvingCreditFacilityMemberaa:DueInJuneTwoThousandAndTwentySevenMemberus-gaap:SubsequentEventMember2024-08-010001675149currency:EURus-gaap:ForeignExchangeForwardMembercountry:NO2024-01-012024-06-300001675149us-gaap:FairValueInputsLevel3Memberus-gaap:EnergyRelatedDerivativeMember2024-06-300001675149aa:AlcoaCorporationMemberus-gaap:FairValueInputsLevel3Memberaa:EstimatedSpreadBetweenTheRespectiveThirtyYearDebtYieldOfAlcoaCorporationAndTheCounterpartyMemberus-gaap:EnergyRelatedDerivativeMemberaa:PowerRelatedDerivativeMember2024-06-300001675149aa:FinanceRelatedDerivativeMember2024-03-310001675149aa:OtherSitesMember2024-01-012024-06-300001675149us-gaap:IntersegmentEliminationMemberaa:AluminumMember2023-04-012023-06-300001675149aa:OtherSitesMember2024-06-300001675149us-gaap:IntersegmentEliminationMemberaa:AluminumMember2023-04-012023-06-300001675149aa:SeriesAConvertiblePreferredStockMember2024-08-010001675149us-gaap:ParentMemberus-gaap:InterestRateContractMember2024-01-012024-06-300001675149us-gaap:FairValueInputsLevel3Memberaa:MWhOfEnergyNeededToProduceForecastedMtOfAluminumAtRateOf4MillionMWhPerYearMemberus-gaap:EnergyRelatedDerivativeMemberaa:PowerRelatedDerivativeMember2024-01-012024-06-300001675149aa:AlcoaCommonStockMemberus-gaap:SubsequentEventMemberaa:SchemeImplementationDeedMemberaa:AluminaLimitedMember2024-08-012024-08-010001675149us-gaap:RevolvingCreditFacilityMember2024-06-300001675149us-gaap:FairValueInputsLevel3Memberus-gaap:DesignatedAsHedgingInstrumentMemberaa:PowerRelatedDerivativeMemberus-gaap:EnergyRelatedDerivativeMember2023-12-310001675149us-gaap:RetainedEarningsMember2024-06-300001675149aa:DerivativeInstrumentLevel3Member2023-04-012023-06-300001675149aa:AlcoaCorporationMemberaa:MiningMember2023-01-012023-06-300001675149aa:PowerRelatedDerivativeMember2024-01-012024-06-300001675149us-gaap:RevolvingCreditFacilityMember2024-01-012024-06-300001675149aa:DerivativeInstrumentLevel1Member2023-01-012023-06-300001675149us-gaap:FairValueInputsLevel3Memberus-gaap:EnergyRelatedDerivativeMember2024-06-300001675149aa:FinanceRelatedDerivativeMember2024-06-300001675149us-gaap:DesignatedAsHedgingInstrumentMemberus-gaap:FairValueInputsLevel3Memberaa:PowerRelatedDerivativeMemberus-gaap:EnergyRelatedDerivativeMember2024-06-300001675149aa:OtherProductsMember2023-04-012023-06-300001675149us-gaap:ForeignPlanMember2024-04-012024-06-300001675149aa:AlcoaCorporationMember2023-12-310001675149us-gaap:EmployeeSeveranceMember2024-06-300001675149aa:AluminaMember2023-04-012023-06-300001675149aa:DerivativeInstrumentLevel1Member2024-06-300001675149us-gaap:OperatingSegmentsMemberaa:AluminaMember2023-04-012023-06-300001675149us-gaap:EquityMethodInvestmentNonconsolidatedInvesteeOrGroupOfInvesteesMemberaa:MaadenJointVentureMember2023-04-012023-06-3000016751492024-03-310001675149aa:KwinanaRefineryMember2024-04-012024-06-300001675149us-gaap:DesignatedAsHedgingInstrumentMemberaa:DerivativeInstrumentLevel1Member2023-04-012023-06-300001675149aa:AlcoaCorporationMemberaa:MaadenJointVentureMember2024-04-012024-06-300001675149aa:SanCiprianFacilityMember2024-06-300001675149aa:ReceivablesPurchaseAgreementMember2023-04-012023-06-300001675149aa:DollarTwoHundredAndFiftyJapaneseYenRevolvingCreditFacilityMember2023-04-300001675149us-gaap:OperatingSegmentsMemberaa:AluminumMember2024-04-012024-06-300001675149aa:OtherProductsMemberus-gaap:EquityMethodInvestmentNonconsolidatedInvesteeOrGroupOfInvesteesMember2023-01-012023-06-300001675149us-gaap:DesignatedAsHedgingInstrumentMemberaa:PowerRelatedDerivativeMember2024-06-300001675149srt:MinimumMemberus-gaap:SubsequentEventMemberaa:AluminaLimitedMemberaa:SchemeImplementationDeedMemberaa:AlcoaWorldAluminaAndChemicalsMember2024-08-010001675149aa:BrazilianFederalRevenueOfficeMemberaa:AlcoaWorldAluminaBrasilMember2022-03-012022-03-310001675149aa:NoncontrollingAndEquityInterestMemberaa:DerivativeInstrumentLevel2Member2023-01-012023-06-300001675149aa:IntalcoFacilityMemberaa:EnvironmentalAndDemolitionObligationMember2023-03-012023-03-310001675149aa:AddyWashingtonMembersrt:MaximumMember2024-01-012024-06-300001675149country:BRus-gaap:ForeignExchangeForwardMember2024-01-012024-06-300001675149us-gaap:NoncontrollingInterestMember2024-04-012024-06-300001675149us-gaap:CarryingReportedAmountFairValueDisclosureMember2024-06-300001675149aa:AluminaLimitedRevolvingCreditFacilityMemberus-gaap:SubsequentEventMemberaa:DueInOctoberTwoThousandAndTwentyFiveMember2024-08-010001675149aa:AlcoaCorporationMemberaa:MiningMember2024-01-012024-06-300001675149us-gaap:AustralianTaxationOfficeMemberus-gaap:ForeignCountryMemberaa:AlcoaOfAustraliaLimitedMember2020-09-172020-09-170001675149aa:ReceivablesPurchaseAgreementMember2024-04-012024-06-300001675149aa:CommoditySellForwardsMemberus-gaap:FairValueInputsLevel1Member2024-06-300001675149us-gaap:RetainedEarningsMember2023-04-012023-06-300001675149us-gaap:ParentMember2023-04-012023-06-300001675149us-gaap:SubsequentEventMemberaa:SchemeImplementationDeedMemberaa:AluminaLimitedMember2024-08-012024-08-010001675149aa:AluminumMember2024-04-012024-06-300001675149us-gaap:ForeignPlanMember2023-01-012023-06-300001675149us-gaap:SubsequentEventMember2024-07-312024-07-310001675149aa:AluminumMember2024-01-012024-06-300001675149aa:AlcoaCorporationMember2024-01-012024-06-300001675149aa:AluminaMember2023-01-012023-06-300001675149us-gaap:DesignatedAsHedgingInstrumentMemberaa:DerivativeInstrumentLevel1Member2023-01-012023-06-300001675149us-gaap:OperatingSegmentsMemberaa:AluminumMemberaa:ThirdPartySalesMember2023-04-012023-06-300001675149us-gaap:ParentMember2024-01-012024-06-300001675149us-gaap:IntersegmentEliminationMember2024-04-012024-06-300001675149aa:DueInJanuaryTwoThousandAndTwentySixMemberaa:AluminaLimitedRevolvingCreditFacilityMemberus-gaap:SubsequentEventMember2024-08-010001675149us-gaap:AustralianTaxationOfficeMemberus-gaap:ForeignCountryMemberaa:AlcoaOfAustraliaLimitedMember2020-07-070001675149aa:KwinanaRefineryMember2024-01-012024-06-300001675149aa:CommonStockParValueZeroPointZeroOnePerShareMember2024-08-010001675149us-gaap:FairValueInputsLevel3Memberaa:EstimatedSpreadBetweenTheRespectiveThirtyYearDebtYieldOfAlcoaCorporationAndTheCounterpartyMemberus-gaap:IndividualMemberaa:EnergyRelatedDerivativeMemberaa:PowerRelatedDerivativeMember2024-06-300001675149aa:DollarTwoHundredAndFiftyJapaneseYenRevolvingCreditFacilityMember2024-01-012024-06-300001675149us-gaap:EquityMethodInvestmentNonconsolidatedInvesteeOrGroupOfInvesteesMemberaa:MaadenJointVentureMember2024-04-012024-06-300001675149us-gaap:ParentMemberus-gaap:InterestRateContractMember2023-04-012023-06-300001675149aa:BauxiteMember2023-01-012023-06-300001675149us-gaap:FairValueInputsLevel3Memberaa:MWhOfEnergyNeededToProducesForecastedMtOfAluminumAtRateOf18MillionMWhPerYearMemberaa:TwoThousandThirtySixMemberus-gaap:EnergyRelatedDerivativeMemberaa:PowerRelatedDerivativeMember2024-06-300001675149aa:PowerRelatedDerivativeMemberus-gaap:NonoperatingIncomeExpenseMember2024-01-

012024-06-300001675149aa:DerivativeInstrumentLevel1Member2023-12-310001675149us-gaap:FairValueInputsLevel3Memberaa:FinanceRelatedDerivativeMemberaa:InterrelationshipOfForwardEnergyPriceLMEForwardPriceAndConsumerPriceIndexMemberaa:TwoThousandTwentyFc gaap:EnergyRelatedDerivativeMember2024-06-300001675149aa:AlcoaCommonStockMemberus-gaap:SubsequentEventMemberaa:AluminaLimitedMemberaa:SchemeImplementationDeedMember2024-08-010001675149aa:AluminumMember2023-01-012023-06-300001675149aa:TwoThousandTwentyFourActionPlanOneMember2024-06-300001675149us-gaap:FairValueInputsLevel3Memberaa:MWhOfEnergyNeededToProducesForecastedMtOfAluminumAtRateOf18MillionMWhPerYearMemberus-gaap:EnergyRelatedDerivativeMemberaa:PowerRelatedDerivativeMember2024-06-300001675149us-gaap:AccumulatedOtherComprehensiveIncomeMember2024-04-012024-06-300001675149aa:EmbeddedCreditDerivativeMember2023-12-310001675149aa:TwoThousandTwentyFourActionPlanTwoMember2024-04-012024-06-300001675149us-gaap:AccumulatedOtherComprehensiveIncomeMember2023-03-310001675149us-gaap:NonoperatingIncomeExpenseMemberaa:EmbeddedCreditDerivativeMember2024-01-012024-06-300001675149aa:AlcoaNederlandHoldingBVMemberaa:SevenPointOneTwoFivePercentageSeniorNotesDueTwoThousandAndThirtyOneMember2024-03-012024-03-310001675149aa:AluminaMember2024-04-012024-06-300001675149us-gaap:NoncontrollingInterestMember2024-03-310001675149us-gaap:IntersegmentEliminationMember2024-01-012024-06-300001675149us-gaap:SubsequentEventMemberaa:AluminaLimitedMember2024-07-260001675149aa:OtherProductsMemberaa:AlcoaCorporationMember2024-01-012024-06-300001675149aa:CertainEmployeeObligationsMemberaa:SanCiprianAluminumSmelterMember2023-01-012023-06-300001675149aa:FourPointOneTwoFivePercentageSeniorNotesDueTwoThousandAndTwentyNineMemberaa:AlcoaNederlandHoldingBVMember2024-06-300001675149aa:AluminaMember2024-04-012024-06-300001675149us-gaap:NoncontrollingInterestMember2024-03-310001675149us-gaap:IntersegmentEliminationMember2024-01-012024-06-300001675149us-gaap:RetainedEarningsMember2022-12-310001675149aa:OtherIncomeExpensesMemberaa:FinanceRelatedDerivativeMember2024-04-012024-06-300001675149us-gaap:NoncontrollingInterestMember2023-04-012023-06-300001675149us-gaap:ParentMember2023-12-310001675149us-gaap:FairValueInputsLevel3Memberus-gaap:NondesignatedMemberus-gaap:EnergyRelatedDerivativeMember2023-12-310001675149aa:OtherExitCostsMember2023-01-012023-12-310001675149aa2023-04-012023-06-300001675149us-gaap:OperatingSegmentsMember2024-01-012024-06-300001675149aa:DollarTwoHundredAndFiftyJapaneseYenRevolvingCreditFacilityMember2023-01-012023-06-300001675149us-gaap:AustralianTaxationOfficeMemberus-gaap:ForeignCountryMemberaa:AlcoaOfAustraliaLimitedMember2024-06-300001675149us-gaap:AdditionalPaidInCapitalMember2023-12-310001675149us-gaap:OtherPostretirementBenefitPlansDefinedBenefitMember2024-01-012024-06-300001675149us-gaap:AccumulatedOtherComprehensiveIncomeMember2022-12-310001675149aa:NoncontrollingAndEquityInterestMember2023-06-300001675149us-gaap:DerivativeInstrumentLevel2Member2024-04-012024-06-300001675149aa:KwinanaRefineryMembersrt:ScenarioForecastMember2025-09-300001675149aa:OngoingRemediationWorkMember2023-04-012023-06-300001675149us-gaap:EquityMethodInvestmentNonconsolidatedInvesteeOrGroupOfInvesteesMemberaa:MaadenJointVentureMember2024-01-012024-06-300001675149aa:OtherProductsMemberus-gaap:EquityMethodInvestmentNonconsolidatedInvesteeOrGroupOfInvesteesMember2023-04-012023-06-300001675149aa:BrazilianFederalRevenueOfficeMemberaa:AlcoaWorldAluminaBrasilMember2013-03-310001675149us-gaap:PensionPlansDefinedBenefitMember2024-01-012024-06-300001675149us-gaap:OtherCurrentLiabilitiesMemberus-gaap:SubsequentEventMember2024-07-182024-07-180001675149us-gaap:DesignatedAsHedgingInstrumentMemberus-gaap:DerivativeInstrumentLevel1Member2024-01-012024-06-300001675149aa:OtherProductsMemberaa:AlcoaCorporationMember2023-04-012023-06-300001675149us-gaap:AccumulatedOtherComprehensiveIncomeMember2023-04-012023-06-300001675149us-gaap:EquityMethodInvestmentNonconsolidatedInvesteeOrGroupOfInvesteesMemberaa:EnergyMember2024-01-012024-06-300001675149aa:DerivativeInstrumentLevel1Member2024-04-012024-06-300001675149aa:OtherProductsMember2024-01-012024-06-300001675149aa:ReceivablesPurchaseAgreementMember2024-01-012024-06-300001675149us-gaap:FairValueInputsLevel3Memberaa:MWhOfEnergyNeededToProduceForecastedMtOfAluminumAtRateOf4MillionMWhPerYearMemberaa:TwoThousandTwentyFourMemberus-gaap:EnergyRelatedDerivativeMemberaa:PowerRelatedDerivativeMember2024-06-300001675149aa:AluminaMemberus-gaap:IntersegmentEliminationMember2024-04-012024-06-300001675149aa:AlcoaCorporationMemberaa:MiningMember2023-04-012023-06-300001675149aa:PowerRelatedDerivativeMember2023-12-310001675149us-gaap:OtherPostretirementBenefitPlansDefinedBenefitMember2023-01-012023-06-300001675149aa:DerivativeInstrumentLevel3Member2023-12-310001675149aa:AlcoaCorporationMemberaa:MaadenJointVentureMember2023-01-012023-06-300001675149us-gaap:NoncontrollingInterestMember2023-12-310001675149aa:AluminumMember2024-04-012024-06-3000016751492024-03-310001675149aa:BrazilianFederalRevenueOfficeMemberaa:AlcoaWorldAluminaBrasilMember2013-03-012013-03-310001675149aa:EmbeddedCreditDerivativeMember2024-03-310001675149aa:AlcoaNederlandHoldingBVMemberaa:SevenPointOneTwoFivePercentageSeniorNotesDueTwoThousandAndThirtyOneMember2024-03-310001675149us-gaap:CommonStockMember2024-06-300001675149aa:WarrickRollingMillMemberus-gaap:DisposalGroupHeldforsaleNotDiscontinuedOperationsMember2024-01-012024-06-300001675149aa:PowerRelatedDerivativeMemberus-gaap:NonoperatingIncomeExpenseMember2024-04-012024-06-300001675149aa:EnergyMember2024-01-012024-06-300001675149us-gaap:DesignatedAsHedgingInstrumentMemberus-gaap:FairValueInputsLevel3Memberus-gaap:EnergyRelatedDerivativeMember2023-12-310001675149aa:TwoThousandTwentyFourActionPlanTwoMember2023-12-310001675149aa:BrazilianFederalRevenueOfficeMemberaa:AlcoaWorldAluminaBrasilMember2012-01-012012-12-310001675149aa:AluminaMember2024-01-012024-06-300001675149aa:AluminaMemberus-gaap:OperatingSegmentsMemberaa:ThirdPartySalesMember2023-04-012023-06-300001675149us-gaap:EquityMethodInvestmentNonconsolidatedInvesteeOrGroupOfInvesteesMemberaa:EnergyMember2024-04-012024-06-300001675149aa:AluminaMember2023-04-012023-06-300001675149us-gaap:ParentMember2023-06-300001675149us-gaap:OperatingSegmentsMemberaa:AluminumMember2023-04-012023-06-300001675149us-gaap:ParentMemberaa:FinanceRelatedDerivativeMember2023-01-012023-06-300001675149us-gaap:EquityMethodInvestmentNonconsolidatedInvesteeOrGroupOfInvesteesMemberaa:MiningMember2023-04-012023-06-300001675149aa:AlcoaCorporationMemberaa:EnergyMember2023-01-012023-06-300001675149aa:StockAwardsAndStockOptionsMember2023-01-012023-06-300001675149aa:IntalcoFacilityMember2024-04-012024-06-300001675149us-gaap:EquityMethodInvestmentNonconsolidatedInvesteeOrGroupOfInvesteesMemberaa:MaadenJointVentureMember2023-01-012023-06-300001675149aa:AddyWashingtonMembersrt:MinimumMember2024-01-012024-06-300001675149us-gaap:IntersegmentEliminationMemberaa:AluminaMember2023-01-012023-06-300001675149aa:AlcoaCorporationMemberaa:EnergyMember2024-04-012024-06-300001675149us-gaap:NoncontrollingInterestMember2022-12-310001675149aa:AlcoaCorporationMemberus-gaap:OtherNonoperatingIncomeExpenseMember2024-01-012024-06-300001675149us-gaap:FairValueInputsLevel3Memberus-gaap:NondesignatedMemberus-gaap:EnergyRelatedDerivativeMemberaa:FinanceRelatedDerivativeMember2024-06-300001675149us-gaap:AdditionalPaidInCapitalMember2024-01-012024-06-30iso4217:USDutr:MWiso4217:AUDiso4217:EURiso4217:BRLxbrli:pureiso4217:JPYiso4217:USDutr:lbaa:Projectiso4217:CADaa:Employeesutr:MWhiso4217:AUDxbrli:sharesutr:ktiso4217:USDxbr

 Â Â UNITED STATES SECURITIES AND EXCHANGE COMMISSION WASHINGTON, D.C. 20549 FORM 10-Q (Mark One) â˜' QUARTERLY REPORT PURSUANT TO SECTION 13 OR 15(d) OF THE SECURITIES EXCHANGE ACT OF 1934 For the Quarterly Period Ended June 30, 2024 OR â˜ TRANSITION REPORT PURSUANT TO SECTION 13 OR 15(d) OF THE SECURITIES EXCHANGE ACT OF 1934 For the transition period from ____ to _____ Â Commission File Number 1-37816 ALCOA CORPORATION (Exact name of registrant as specified in its charter) Â Delaware(State or other jurisdiction ofincorporation or organization) Â 81-1789115(I.R.S. EmployerIdentification No.) Â Â Â 201 Isabella Street, Suite 500,Pittsburgh, Pennsylvania(Address of principal executive offices) Â 15212-5858(Zip Code) 412-315-2900 (Registrantâ€™s telephone number, including area code) Not applicable (Former name, former address and former fiscal year, if changed since last report) Â Securities registered pursuant to Section 12(b) of the Act: Title of each class Â TradingSymbol(s) Â Name of each exchange on which registered Common Stock, par value $0.01 per share Â AA Â New York Stock Exchange Â Indicate by check mark whether the registrant (1) has filed all reports required to be filed by Section 13 or 15(d) of the Securities Exchange Act of 1934 during the preceding 12 months (or for such shorter period that the registrant was required to file such reports), and (2) has been subject to such filing requirements for the past 90 days. Yes â˜' No â˜ Indicate by check mark whether the registrant has submitted electronically every Interactive Data File required to be submitted pursuant to Rule 405 of Regulation S-T (Â§232.405 of this chapter) during the preceding 12 months (or for such shorter period that the registrant was required to submit such files). Yes â˜' No â˜ Indicate by check mark whether the registrant is a large accelerated filer, an accelerated filer, a non-accelerated filer, a smaller reporting company, or an emerging growth company. See the definitions of â€œlarge accelerated filer,â€ â€œaccelerated filer,â€ â€œsmaller reporting company,â€ and â€œemerging growth companyâ€ in Rule 12b-2 of the Exchange Act. Large accelerated filer â˜' Â Accelerated filer â˜ Non-accelerated filer â˜ Â Smaller reporting company â˜ Emerging growth company â˜ Â Â Â Â If an emerging growth company, indicate by check mark if the registrant has elected not to use the extended transition period for complying with any new or revised financial accounting standards provided pursuant to Section 13(a) of the Exchange Act. â˜ Indicate by check mark whether the registrant is a shell company (as defined in Rule 12b-2 of the Exchange Act). Yes â˜ No â˜' Indicate the number of shares outstanding of each of the registrantâ€™s classes of stock, as of the latest practicable date. Â Title or Class Â Outstanding Shares as of August 1, 2024 Common Stock, par value $0.01 per share Â 258,340,140 Series A Convertible Preferred Stock, par value $0.01 per share Â 4,041,989 Â TABLE OF CONTENTS Â PART I â€" FINANCIAL INFORMATION Â 1 Â Â Â Item 1. Financial Statements Â 1 Â Â Â Item 2. Managementâ€™s Discussion and Analysis of Financial Condition and Results of Operations Â 28 Â Â Â Item 3. Quantitative and Qualitative Disclosures About Market Risk Â 43 Â Â Â Item 4. Controls and Procedures Â 43 Â Â Â PART I â€" OTHER INFORMATION Â 43 Â Â Â Item 1. Legal Proceedings Â 43 Â Â Â Item 1A. Risk Factors Â 44 Â Â Â Item 2. Unregistered Sales of Equity Securities and Use of Proceeds Â 45 Â Â Â Item 5. Other Information Â 45 Â Â Â Item 6. Exhibits Â 46 Â Â Â SIGNATURES Â 47 Â Forward-Looking Statements This report contains statements that relate to future events and expectations and as such constitute forward-looking statements within the meaning of the Private Securities Litigation Reform Act of 1995. Forward-looking statements include those containing such words as â€œaims,â€ â€œambition,â€ â€œanticipates,â€ â€œbelieves,â€ â€œcould,â€ â€œdevelop,â€ â€œendeavors,â€ â€œestimates,â€ â€œexpects,â€ â€œforecasts,â€ â€œgoal,â€ â€œintends,â€ â€œmay,â€ â€œoutlook,â€ â€œpotential,â€ â€œplans,â€ â€œprojects,â€ â€œreach,â€ â€œseeks,â€ â€œsees,â€ â€œshould,â€ â€œstrive,â€ â€œtargets,â€ â€œwill,â€ â€œworking,â€ â€œwould,â€ or other words of similar meaning. All statements by Alcoa Corporation that reflect expectations, assumptions or projections about the future, other than statements of historical fact, are forward-looking statements, including, without limitation, statements regarding forecasts concerning global demand growth for bauxite, alumina, and aluminum, and supply/demand balances; statements, projections or forecasts of future or targeted financial results, or operating performance (including our ability to execute on strategies related to environmental, social and governance matters, such as our Green Finance Framework); statements about strategies, outlook, and business and financial prospects; and statements about capital allocation and return of capital. These statements reflect beliefs and assumptions that are based on Alcoa Corporationâ€™s perception of historical trends, current conditions, and expected future developments, as well as other factors that management believes are appropriate in the circumstances. Forward-looking statements are not guarantees of future performance and are subject to known and unknown risks, uncertainties, and changes in circumstances that are difficult to predict. Although Alcoa Corporation believes that the expectations reflected in any forward-looking statements are based on reasonable assumptions, it can give no assurance that these expectations will be attained and it is possible that actual results may differ materially from those indicated by these forward-looking statements due to a variety of risks and uncertainties. Such risks and uncertainties include, but are not limited to: (1) the impact of global economic conditions on the aluminum industry and aluminum end-use markets; (2) volatility and declines in aluminum and alumina demand and pricing, including global, regional, and product-specific prices, or significant changes in production costs which are linked to London Metal Exchange (LME) or other commodities; (3) the disruption of market-driven balancing of global aluminum supply and demand by non-market forces; (4) competitive and complex conditions in global markets; (5) our ability to obtain, maintain, or renew permits or approvals necessary for our mining operations; (6) rising energy costs and interruptions or uncertainty in energy supplies; (7) unfavorable changes in the cost, quality, or availability of raw materials or other key inputs, or by disruptions in the supply chain; (8) our ability to execute on our strategy to be a lower cost, competitive, and integrated aluminum production business and to realize the anticipated benefits from announced plans, programs, initiatives relating to our portfolio, capital investments, and developing technologies; (9) our ability to integrate and achieve intended results from joint ventures, other strategic alliances, and strategic business transactions; (10) economic, political, and social conditions, including the impact of trade policies and adverse industry publicity; (11) fluctuations in foreign currency exchange rates and interest rates, inflation and other economic factors in the countries in which we operate; (12) changes in tax laws or exposure to additional tax liabilities; (13) global competition within and beyond the aluminum industry; (14) our ability to obtain or maintain adequate insurance coverage; (15) disruptions in the global economy caused by ongoing regional conflicts; (16) legal proceedings, investigations, or changes in foreign and/or U.S. federal, state, or local laws, regulations, or policies; (17) climate change, climate change legislation or regulations, and efforts to reduce emissions and build operational resilience to extreme weather conditions; (18) our ability to achieve our strategies or expectations relating to environmental, social, and governance considerations; (19) claims, costs, and liabilities related to health, safety and environmental laws, regulations, and other requirements in the jurisdictions in which we operate; (20) liabilities resulting from impoundment structures, which could impact the environment or cause exposure to hazardous substances or other damage; (21) our ability to fund capital expenditures; (22) deterioration in our credit profile or increases in interest rates; (23) restrictions on our current and future operations due to our indebtedness; (24) our ability to continue to return capital to our stockholders through the payment of cash dividends and/or the repurchase of our common stock; (25) cyber attacks, security breaches, system failures, software or application vulnerabilities, or other cyber incidents; (26) labor market conditions, union disputes and other employee relations issues; (27) a decline in the liability discount rate or lower-than-expected investment returns on pension assets; and (28) the other risk factors discussed in Alcoaâ€™s Annual Report on Form 10-K for the fiscal year ended December 31, 2023 and other reports filed by Alcoa with the SEC, including those described in this report. Alcoa cautions readers not to place undue reliance upon any such forward-looking statements, which speak only as of the date they are made. Alcoa disclaims any obligation to update publicly any forward-looking statements, whether in response to new information, future events or otherwise, except as required by applicable law. Market projections are subject to the risks described above and other risks in the market. Neither Alcoa nor any other person assumes responsibility for the accuracy and completeness of any of these forward-looking statements and none of the information contained herein should be regarded as a representation that the forward-looking statements contained herein will be achieved. Â PART I â€" FINANCIAL INFORMATION Item 1. Financial Statements. Alcoa Corporation and Subsidiaries Statement of Consolidated Operations (unaudited) (in millions, except per-share amounts) Â Â Â Second quarter ended June 30, Â Â Six months ended June 30, Â Â 2024 Â Â 2024 Â Â 2023 Â Sales (E) Â $ 2,906 Â $ 2,684 Â $ 5,505 Â $ 5,354 Â Cost of goods sold (exclusive of expenses below) Â Â 2,533 Â Â 2,515 Â Â 4,937 Â Â 4,919 Â Selling, general administrative, and other expenses Â Â 69 Â Â 52 Â Â 129 Â Â 106 Â Research and development expenses Â Â 13 Â Â 6 Â Â 24 Â Â 16 Â Provision for depreciation, depletion, and amortization Â Â 163 Â Â 153 Â Â 324 Â Â 306 Â Restructuring and other charges, net (D) Â Â 18 Â Â Â 24 Â Â 220 Â Â 173 Â Interest expense Â Â 40 Â Â 27 Â Â 67 Â Â 53 Â Other (income) expenses, net (P) Â Â (22) Â Â 6 Â Â 37 Â Â 60 Â Total costs and expenses Â Â 2,814 Â Â 2,783 Â Â 5,738 Â Â 5,633 Â Income (loss) before income taxes Â Â 92 Â Â (99) Â Â (233) Â Â (279) Provision for income taxes Â Â 61 Â Â 22 Â Â Â 43 Â Â 74 Â Net income (loss) Â Â 31 Â Â (121) Â Â (276) Â Â (353) Less: Net income (loss) attributable to noncontrolling interest Â Â 11 Â Â (19) Â Â (44) Â Â (20) NET INCOME (LOSS) ATTRIBUTABLE TO ALCOAÂ CORPORATION Â $ 20 Â $ (102) Â $ (232) Â $ (333) EARNINGS PER SHARE ATTRIBUTABLE TO ALCOAÂ CORPORATION COMMON SHAREHOLDERS (F): Â Â Â Â Â Â Â Basic Â $ 0.11 Â $ (0.57) Â $ (1.29) Â $ (1.87) Diluted Â $ 0.11 Â $ (0.57) Â $ (1.29) Â $ (1.87) Â The accompanying notes are an integral part of the consolidated financial statements. Â 1 Â Alcoa Corporation and Subsidiaries Statement of Consolidated Comprehensive Income (unaudited) (in millions) Â Â Â Alcoa Corporation Â Noncontrolling interest Â Total Â Â Second quarter ended June 30, Â Second quarter ended June 30, Â Second quarter ended June 30, Â Â 2024 Â 2023 Â 2024 Â 2023 Â 2024 Â 2023 Â Net income (loss) Â $ 20 Â $ (102) Â $ 11 Â $ (19) Â $ 31 Â $ (121) Other comprehensive (loss) income, net of

tax (G): Change in unrecognized net actuarial gain/loss and prior service cost/benefit related to pension and other postretirement benefits 13 10 5 (2) 18 8 Foreign currency translation adjustments (60) 25 (16) 11 (76) 36 Net change in unrecognized gains/losses on cash flow hedges (62) 226 (1) — (63) 226 Total Other comprehensive (loss) income, net of tax (109) 261 (12) 9 (121) 270 Comprehensive (loss) income $ (89) $ 159 $ (1) $ (10) $ (90) $ 149 Alcoa Corporation Noncontrolling interest Total Six months ended June 30, Six months ended June 30, Six months ended June 30, 2024 2023 2024 2023 2024 2023 Net loss $ (232) $ (333) $ (44) $ (20) $ (276) $ (353) Other comprehensive (loss) income, net of tax (G): Change in unrecognized net actuarial gain/loss and prior service cost/benefit related to pension and other postretirement benefits 22 14 6 Foreign currency translation adjustments (182) 27 (70) 26 (252) 53 Net change in unrecognized gains/losses on cash flow hedges 68 104 (1) — 67 104 Total Other comprehensive (loss) income, net of tax (92) 145 (65) 24 (157) 169 Comprehensive (loss) income $ (324) $ (188) $ (109) $ 4 $ (433) $ (184) The accompanying notes are an integral part of the consolidated financial statements.

2 Alcoa Corporation and Subsidiaries Consolidated Balance Sheet (unaudited) (in millions) June 30, 2024 December 31, 2023 ASSETS Current assets: Cash and cash equivalents (M) $ 1,396 $ 944 Receivables from customers (I) 939 656 Other receivables 135 152 Inventories (J) 1,975 2,158 Fair value of derivative instruments (M) 38 29 Prepaid expenses and other current assets 420 466 Total current assets 4,903 4,405 Properties, plants, and equipment 19,999 20,381 Less: accumulated depreciation, depletion, and amortization 13,496 13,596 Properties, plants, and equipment, net 6,503 6,785 Investments (H) 989 979 Deferred income taxes 311 333 Fair value of derivative instruments (M) — 3 Other noncurrent assets 1,601 1,650 Total assets $ 14,307 $ 14,155 LIABILITIES Current liabilities: Accounts payable, trade $ 1,619 $ 1,714 Accrued compensation and retirement costs 358 357 Taxes, including income taxes 119 88 Fair value of derivative instruments (M) 251 214 Other current liabilities 740 578 Long-term debt due within one year (K & M) 79 79 Total current liabilities 3,166 3,030 Long-term debt, less amount due within one year (K & M) 2,469 1,732 Accrued pension benefits (L) 264 278 Accrued other postretirement benefits (L) 427 443 Asset retirement obligations 699 772 Environmental remediation (O) 191 202 Fair value of derivative instruments (M) 951 1,092 Noncurrent income taxes 133 193 Other noncurrent liabilities and deferred credits 591 568 Total liabilities 8,891 8,310 CONTINGENCIES AND COMMITMENTS (O) EQUITY Alcoa Corporation shareholders' equity: Common stock 2 2 Additional capital 9,196 9,187 Accumulated deficit (1,562) (1,293) Accumulated other comprehensive loss (G) (3,737) (3,645) Total Alcoa Corporation shareholders' equity 3,899 4,251 Noncontrolling interest 1,517 1,594 Total equity 5,416 5,845 Total liabilities and equity $ 14,307 $ 14,155 The accompanying notes are an integral part of the consolidated financial statements.

3 Alcoa Corporation and Subsidiaries Statement of Consolidated Cash Flows (unaudited) (in millions) Six months ended June 30, 2024 2023 CASH FROM OPERATIONS Net loss $ (276) $ (353) Adjustments to reconcile net loss to cash from operations: Depreciation, depletion, and amortization 324 306 Deferred income taxes 75 (36) Equity (income) loss, net of dividends (8) 123 Restructuring and other charges, net (D) 220 173 Net loss from investing activities — asset sales (P) 17 19 Net periodic pension benefit cost (L) 5 2 Stock-based compensation 22 21 (Gain) loss on mark-to-market derivative financial contracts (19) 4 Other 31 59 Changes in assets and liabilities, excluding effects of divestitures and a foreign currency translation adjustments: (Increase) decrease in receivables (283) 71 Decrease in inventories 157 22 Decrease in prepaid expenses and other current assets 23 63 Decrease in accounts payable, trade (57) (277) Decrease in accrued expenses (30) (48) Increase (decrease) in taxes, including income taxes 70 (146) Pension contributions (L) (10) (9) Decrease (increase) in noncurrent assets 25 (66) Decrease in noncurrent liabilities (72) (104) CASH PROVIDED FROM (USED FOR) OPERATIONS 64 (176) FINANCING ACTIVITIES Additions to debt 989 25 Payments on debt (266) (16) Proceeds from the exercise of employee stock options — 1 Dividends paid on Alcoa common stock (37) (36) Payments related to tax withholding on stock-based compensation awards (15) (34) Financial contributions for the divestiture of businesses (C) (12) (25) Contributions from noncontrolling interest 65 122 Distributions to noncontrolling interest (32) (22) Other (13) 1 CASH PROVIDED FROM FINANCING ACTIVITIES 679 16 INVESTING ACTIVITIES Capital expenditures (265) (198) Proceeds from the sale of assets 2 2 Additions to investments (17) (36) Other (1) 10 CASH USED FOR INVESTING ACTIVITIES (281) (222) EFFECT OF EXCHANGE RATE CHANGES ON CASH AND CASH EQUIVALENTS AND RESTRICTED CASH (16) 5 Net change in cash and cash equivalents and restricted cash 446 (377) Cash and cash equivalents and restricted cash at beginning of year 1,047 1,474 CASH AND CASH EQUIVALENTS AND RESTRICTED CASH AT END OF PERIOD $ 1,493 $ 1,097 The accompanying notes are an integral part of the consolidated financial statements.

4 Alcoa Corporation and Subsidiaries Statement of Changes in Consolidated Equity (unaudited) (in millions)

	Alcoa Corporation shareholders					Non-controlling interest	Total equity
	Common stock	Additional capital	Accumulated deficit	Accumulated other comprehensive (loss) income			
Balance at January 1, 2023	$ 2	$ 9,183	$ (570)	$ (3,539)	1,513	$ 6,589	
Net loss	—	—	(231)	—	(1)	(232)	
Other comprehensive (loss) income (G)	—	—	—	(116)	15	(101)	
Stock-based compensation	—	10	—	—	—	10	
Net effect of tax withholding for compensation plans and exercise of stock options	—	(33)	—	—	—	(33)	
Dividends paid on Alcoa common stock ($0.10 per share)	—	—	(18)	—	—	(18)	
Contributions	—	—	—	—	86	86	
Distributions	—	—	—	—	(6)	(6)	
Other	—	2	—	—	(1)	1	
Balance at March 31, 2023	$ 2	$ 9,162	$ (819)	$ (3,655)	1,606	$ 6,296	
Net loss	—	—	(102)	—	(19)	(121)	
Other comprehensive income (G)	—	—	—	261	9	270	
Stock-based compensation	—	11	—	—	—	11	
Dividends paid on Alcoa common stock ($0.10 per share)	—	—	(18)	—	—	(18)	
Contributions	—	—	—	—	36	36	
Distributions	—	—	—	—	(16)	(16)	
Balance at June 30, 2023	$ 2	$ 9,173	$ (939)	$ (3,394)	1,616	$ 6,458	
Balance at January 1, 2024	$ 2	$ 9,187	$ (1,293)	$ (3,645)	1,594	$ 5,845	
Net loss	—	—	(252)	—	(55)	(307)	
Other comprehensive income (loss) (G)	—	—	—	17	(53)	(36)	
Stock-based compensation	—	10	—	—	—	10	
Net effect of tax withholding for compensation plans and exercise of stock options	—	(15)	—	—	—	(15)	
Dividends paid on Alcoa common stock ($0.10 per share)	—	—	(19)	—	—	(19)	
Contributions	—	—	—	—	61	61	
Distributions	—	—	—	—	(6)	(6)	
Other	—	2	—	—	(1)	1	
Balance at March 31, 2024	$ 2	$ 9,184	$ (1,564)	$ (3,628)	1,540	$ 5,534	
Net income	—	—	20	—	11	31	
Other comprehensive loss (G)	—	—	—	(109)	(12)	(121)	
Stock-based compensation	—	12	—	—	—	12	
Dividends paid on Alcoa common stock ($0.10 per share)	—	—	(18)	—	—	(18)	
Contributions	—	—	—	—	4	4	
Distributions	—	—	—	—	(26)	(26)	
Balance at June 30, 2024	$ 2	$ 9,196	$ (1,562)	$ (3,737)	1,517	$ 5,416	

The accompanying notes are an integral part of the consolidated financial statements.

5 Alcoa Corporation and Subsidiaries Notes to the Consolidated Financial Statements (unaudited) (dollars in millions, except per-share amounts; metric tons in thousands (kmt)) A. Basis of Presentation — The interim Consolidated Financial Statements of Alcoa Corporation and its subsidiaries (Alcoa Corporation, Alcoa, or the Company) are unaudited. These Consolidated Financial Statements include all adjustments, consisting only of normal recurring adjustments, considered necessary by management to fairly state the Company's results of operations, financial position, and cash flows. The results reported in these Consolidated Financial Statements are not necessarily indicative of the results that may be expected for the entire year. The 2023 year-end balance sheet data was derived from audited financial statements but does not include all disclosures required by accounting principles generally accepted in the United States of America (GAAP). This Quarterly Report on Form 10-Q should be read in conjunction with the Company's Annual Report on Form 10-K for the year ended December 31, 2023, which includes disclosures required by GAAP. In accordance with GAAP, certain situations require management to make estimates based on judgments and assumptions, which may affect the reported amounts of assets and liabilities and the disclosure of contingent assets and liabilities at the date of the financial statements. They also may affect the reported amounts of revenues and expenses during the reporting periods. Management uses historical experience and all available information to make these estimates. Management regularly evaluates the judgments and assumptions used in its estimates, and results could differ from those estimates upon future events and their effects or new information. Principles of Consolidation. The Consolidated Financial Statements of Alcoa Corporation include the accounts of Alcoa Corporation and companies in which Alcoa Corporation has a controlling interest, including those that comprise the Alcoa World Alumina & Chemicals (AWAC) joint venture (see below). Intercompany transactions have been eliminated. The equity method of accounting is used for investments in affiliates and other joint ventures over which Alcoa Corporation has significant influence but does not have effective control. Investments in affiliates in which Alcoa Corporation cannot exercise significant influence are accounted for at cost less any impairment, a measurement alternative in accordance with GAAP. AWAC is an unincorporated global joint venture between Alcoa Corporation and Alumina Limited and consists of several affiliated operating entities, which own, have an interest in, or operate the bauxite mines and alumina refineries within Alcoa Corporation's Alumina segment (except for the Poços de Caldas mine and refinery and portions of the São Luís refinery, all in Brazil) and a portion (55%) of the Portland smelter (Australia) within Alcoa Corporation's Aluminum segment. Alcoa Corporation owns 60% and Alumina Limited owns 40% of these individual entities, which are consolidated by the Company for financial reporting purposes and include Alcoa of Australia Limited (AofA), Alcoa World Alumina LLC (AWA), Alcoa World Alumina Brasil Ltda. (AWAB), and Alúmina Española, S.A. (Española). Alumina Limited's interest in the equity of such entities is reflected as Noncontrolling interest on the accompanying Consolidated Balance Sheet. On August 1, 2024, the Company completed the acquisition of Alumina Limited (see Note C). B. Recently Adopted and Recently Issued Accounting Guidance In December 2023, the Financial Accounting Standards Board (FASB) issued Accounting Standard Update (ASU) No. 2023-09 which includes changes to income tax disclosures, including greater disaggregation of information in the rate reconciliation and disclosure of taxes paid by jurisdiction. The guidance is effective for annual periods beginning after December 15, 2024. Early adoption is permitted. The adoption of this guidance will provide enhanced disclosures regarding income taxes and will not have a material impact on the Company's financial statements. In November 2023, the FASB issued ASU 2023-07 which requires disclosure of significant segment expenses regularly provided to the chief operating decision maker (CODM), other segment items (not included in significant segment expenses for each reportable segment), the title and position of the CODM, and an explanation of how the CODM uses the reported measure of segment profit or loss to assess segment performance and allocate resources. The adoption of this guidance will not have a material impact on the Company's financial statements and will provide enhanced disclosures regarding reportable segments beginning in the Company's Annual Report on Form 10-K for the year ended December 31, 2024. 6 C. Acquisitions and Divestitures Alumina Limited Acquisition On August 1, 2024, Alcoa completed the acquisition of all of the ordinary shares of Alumina Limited (Alumina Shares) through a wholly owned subsidiary, AAC Investments Australia 2 Pty Ltd. Alumina Limited holds a 40% ownership interest in the AWAC joint venture. The acquisition is intended to enhance Alcoa's position as a leading pure play, upstream aluminum company globally, while simplifying the Company's corporate structure and governance, resulting in greater operational flexibility and strategic optionality. Under the Scheme Implementation Deed (the Agreement) entered into in March 2024, as amended in May 2024, holders of Alumina Shares received 0.02854 Alcoa CHESS Depositary Interests (CDIs) for each Alumina Share (the Agreed Ratio), except that i) holders of Alumina Shares represented by American Depositary Shares, each of which represented 4 Alumina Shares, received 0.02854 shares of Alcoa common stock and ii) a certain shareholder received, for certain of their Alumina Shares, 0.02854 shares of Alcoa non-voting convertible preferred stock. The Alcoa CDIs are quoted on the Australian Stock Exchange. At closing, Alumina Shares outstanding of 2,760,056,014 and 141,625,403 were exchanged for 78,772,422 and 4,041,989 shares of Alcoa common stock and Alcoa preferred stock, respectively. Based on Alcoa's closing share price as of July 26, 2024, the Agreed Ratio implies a value of A$1.45 per Alumina Share and aggregate purchase consideration of approximately $2,800 for Alumina Limited. The transaction consisted in substance of the acquisition of Alumina Limited's noncontrolling interest in AWAC, the assumption of Alumina Limited's indebtedness (approximately $385 as of August 1, 2024, see Note K), and the recognition of deferred tax assets (approximately $100, see Note N) related to Alumina Limited's prior net operating losses. The increase in ownership in AWAC from 60% to 100%, as well as the assumption of Alumina Limited's assets and liabilities, will be accounted for as an equity transaction under ASC 810, Consolidation, with the difference in purchase consideration and the net assets acquired recognized as an increase in total Alcoa Corporation shareholders' equity. The accounting for the transaction is not yet complete and the final value of assets and liabilities acquired is subject to change. Additionally, as of June 30, 2024, the Company recognized transaction costs of $9 in Prepaid expenses and other current assets, which will be reclassified to Additional capital as of August 1, 2024. Under the terms of the Agreement, Alcoa agreed to provide a shareholder loan to AWAC in place of required capital contributions by Alumina Limited if Alumina Limited's net debt position exceeded $420 prior to the acquisition closing. Alcoa was not required to and did not provide any shareholder loans to AWAC under this provision. Warrick Rolling Mill Divestiture In conjunction with the sale of its rolling mill located at Warrick Operations (Warrick Rolling Mill) in March 2021, the Company recorded estimated liabilities for site separation commitments. The Company recorded charges of $4 and $15 in the second quarter and the six-month period of 2024, respectively, in Other (income) expenses, net on the accompanying Statement of Consolidated Operations related to these commitments. During the second quarter and the six-month period of 2024, the Company spent $5 and $12 against the reserve, respectively. In the six-month period of 2023, the Company recorded a charge of $17 in Other (income) expenses, net on the accompanying Statement of Consolidated Operations related to these commitments. During the second quarter and six-month period of 2023, the Company spent $11 and $25 against the reserve, respectively. The remaining balance of $14 at June 30, 2024 is expected to be spent in 2024. D. Restructuring and Other Charges, Net In the second quarter and the six-month period of 2024, Alcoa Corporation recorded Restructuring and other charges, net, of $18 and $220, respectively, which were primarily comprised of: • A charge of $8 and $205, respectively, for the curtailment of the Kwinana (Australia) refinery; and, • A charge of $8 and $12, respectively, for take-or-pay contract costs at the closed Wenatchee (Washington) smelter. 7 In June 2024, Alcoa completed the full curtailment of the Kwinana refinery, as planned, which was announced in January 2024. As of March 2024, the refinery had approximately 780 employees and this number will be reduced to approximately 250 in the third quarter of 2024 to manage certain processes that will continue until about the third quarter of 2025. At that time, the employee number will be further reduced to approximately 50. In addition to the employees separating as a result of the curtailment, approximately 150 employees will either terminate through the productivity program announced in the third quarter of 2023 or redeploy to other Alcoa operations. Charges related to the curtailment totaled $205 in the six-month period of 2024 and included charges of $129 for water management costs, $41 for severance and employee termination costs for the separation of approximately 580 employees, $15 for asset retirement obligations, $13 for take-or-pay contracts, $5 for asset impairments and $2 for contract terminations. Related cash outlays of approximately $225 (which includes existing employee related liabilities and asset retirement obligations) are expected through 2025, with approximately $145 to be spent in 2024. The Company spent $22 and $24 against the reserve in the second quarter and six-month period of 2024, respectively. In the second quarter and the six-month period of 2023, Alcoa Corporation recorded Restructuring and other charges, net, of $24 and $173, respectively, which were primarily comprised of: • A charge of $101 (six-month period only) for asset impairments and to establish reserves for environmental, demolition and employee severance costs related to the permanent closure of the Intalco (Washington) aluminum smelter; • A charge of $47 (six-month period only) for increased reserves for certain employee obligations related to the updated agreement for the San Ciprián (Spain) aluminum smelter; and, • A charge of $21 (both periods) related to the settlement of certain pension benefits. In March 2023, Alcoa Corporation announced the closure of the Intalco aluminum smelter, which had been fully curtailed since 2020. The Company recorded charges of $117 related to the closure, including a charge of $16 in Cost of goods sold on the Statement of Consolidated Operations to

write-down remaining inventories to net realizable value and a charge of $101 in Restructuring and other charges, net on the Statement of Consolidated Operations. The restructuring charges were comprised of asset impairments of $50, environmental and demolition obligation reserves of $50, and severance and employee termination costs of $1 for the separation of approximately 12 employees. Cash outlays related to the permanent closure of the site are expected to be $85 over the next three years with approximately $45 to be spent in 2024. The Company spent $9 and $13 against the reserve in the second quarter and six-month period of 2024, respectively.In February 2023, the Company reached an updated viability agreement with the workersâ€™ representatives of the San CipriÃ¡n smelter to commence the restart process in phases beginning in January 2024. The smelter was curtailed in January 2022 as a result of an agreement reached with the workersâ€™ representatives in December 2021. Under the terms of the updated viability agreement, the Company is responsible for certain employee obligations during 2023 through 2025 and made additional commitments for capital improvements of $78. The Company recorded charges of $47 in Restructuring and other charges, net on the Statement of Consolidated Operations to establish the related reserve for employee obligations in the six month period of 2023. Cash outlays related to employee obligations are expected to be $47 through 2025, with approximately $36 to be spent in 2024. The Company spent $9 and $18 against the reserve in the second quarter and six-month period of 2024, respectively. At June 30, 2024, the Company had restricted cash of $86 to be made available for remaining capital improvement commitments at the site of $111 and smelter restart costs of $32 for both the agreement reached with the workerâ€™s representatives in December 2021 and the updated viability agreement in February 2023. Restricted cash is included in Prepaid expenses and other current assets and Other noncurrent assets on the Consolidated Balance Sheet (see Note P).Alcoa Corporation does not include Restructuring and other charges, net in the results of its reportable segments. The impact of allocating such charges to segment results would have been as follows: Â Â Second quarter ended June 30, Â Â Six months ended June 30, Â Â 2024 Â 2023 Â 2024 Â 2023 Â Alumina Â $ 8 Â $ 1 Â $ 205 Â $ 2 Â Aluminum Â Â â€” Â Â 19 Â Â â€” Â Â 165 Â Segment total Â Â 8 Â Â 20 Â Â 205 Â Â 167 Â Corporate Â Â 10 Â Â 4 Â Â 15 Â Â 6 Â Total Restructuring and other charges, net Â $ 18 Â $ 24 Â $ 220 Â $ 173 Â 8 Â Activity and reserve balances for restructuring charges were as follows: Â Â Severanceandemployeeterminationcosts Â Othercosts Â Total Â Balance at December 31, 2022 Â $ 1 Â $ 116 Â $ 117 Â Restructuring and other charges, net Â Â 11 Â Â 55 Â Â 66 Â Cash payments Â Â (6) Â Â (118) Â Â (124) Reversals and other Â Â â€” Â Â 4 Â Â 4 Â Balance at December 31, 2023 Â Â 6 Â Â 57 Â Â 63 Â Restructuring and other charges, net Â Â 43 Â Â 156 Â Â 199 Â Cash payments Â Â (1) Â Â (55) Â Â (56) Reversals and other Â Â 1 Â Â 3 Â Â 4 Â Balance at June 30, 2024 Â $ 49 Â $ 161 Â $ 210 Â The activity and reserve balances include only Restructuring and other charges, net that impacted the reserves for Severance and employee termination costs and Other costs. Restructuring and other charges, net that affected other liability accounts such as Accrued pension benefits (see Note L), Asset retirement obligations, and Environmental remediation (see Note O) are excluded from the above activity and balances. Reversals and other includes reversals of previously recorded liabilities and foreign currency translation impacts.The noncurrent portion of the reserve was $22 and $15 at June 30, 2024 and December 31, 2023, respectively. E. Segment Information â€“ Alcoa Corporation is a producer of bauxite, alumina, and aluminum products. The Company has two operating and reportable segments: (i) Alumina and (ii) Aluminum. Segment performance under Alcoa Corporationâ€™s management reporting system is evaluated based on a number of factors; however, the primary measure of performance is the Adjusted EBITDA (Earnings before interest, taxes, depreciation, and amortization) for each segment. The Company calculates Segment Adjusted EBITDA as Total sales (third-party and intersegment) minus the following items: Cost of goods sold; Selling, general administrative, and other expenses; and Research and development expenses. Alcoa Corporationâ€™s Segment Adjusted EBITDA may not be comparable to similarly titled measures of other companies. The CODM function regularly reviews the financial information, including Adjusted EBITDA, of these two operating segments to assess performance and allocate resources.The operating results of Alcoa Corporationâ€™s reportable segments were as follows (differences between segment totals and consolidated amounts are in Corporate):Â Â Alumina Â Aluminum Â Total Â Second quarter ended June 30, 2024 Â Â Â Â Â Â Â Â Sales: Â Â Â Â Â Â Â Â Third-party sales Â $ 1,010 Â $ 1,895 Â $ 2,905 Â Intersegment sales Â Â 457 Â Â 3 Â Â 460 Â Total sales Â $ 1,467 Â $ 1,898 Â $ 3,365 Â Segment Adjusted EBITDA Â $ 186 Â $ 233 Â $ 419 Â Supplemental information: Â Â Â Â Â Â Â Â Depreciation, depletion, and amortization Â $ 90 Â $ 68 Â $ 158 Â Equity income Â $ 2 Â $ 21 Â $ 23 Â Second quarter ended June 30, 2023 Â Â Â Â Â Â Â Â Sales: Â Â Â Â Â Â Â Â Third-party sales Â $ 894 Â $ 1,788 Â $ 2,682 Â Intersegment sales Â Â 397 Â Â 4 Â Â 401 Â Total sales Â $ 1,291 Â $ 1,792 Â $ 3,083 Â Segment Adjusted EBITDA Â $ 33 Â $ 110 Â $ 143 Â Supplemental information: Â Â Â Â Â Â Â Â Depreciation, depletion, and amortization Â $ 80 Â $ 68 Â $ 148 Â Equity loss Â $ (11) Â $ (16) Â $ (27) 9 Â Â Alumina Â Aluminum Â Total Â Six months ended June 30, 2024 Â Â Â Â Â Â Â Â Sales: Â Â Â Â Â Â Â Â Third-party sales Â $ 1,971 Â $ 3,533 Â $ 5,504 Â Intersegment sales Â Â 852 Â Â 7 Â Â 859 Â Total sales Â $ 2,823 Â $ 3,540 Â $ 6,363 Â Segment Adjusted EBITDA Â $ 325 Â $ 283 Â $ 608 Â Supplemental information: Â Â Â Â Â Â Â Â Depreciation, depletion, and amortization Â $ 177 Â $ 136 Â $ 313 Â Equity (loss) income Â $ (9) Â $ 23 Â $ 14 Â Six months ended June 30, 2023 Â Â Â Â Â Â Â Â Sales: Â Â Â Â Â Â Â Â Third-party sales Â $ 1,751 Â $ 3,598 Â $ 5,349 Â Intersegment sales Â Â 818 Â Â 7 Â Â 825 Â Total sales Â $ 2,569 Â $ 3,605 Â $ 6,174 Â Segment Adjusted EBITDA Â $ 136 Â $ 294 Â $ 430 Â Supplemental information: Â Â Â Â Â Â Â Â Depreciation, depletion, and amortization Â $ 157 Â $ 138 Â $ 295 Â Equity loss Â $ (28) Â $ (73) Â $ (101) The following table reconciles Total Segment Adjusted EBITDA to Consolidated net income (loss) attributable to Alcoa Corporation: Â Â Second quarter ended June 30, Â Â Six months ended June 30, Â Â 2024 Â 2023 Â 2024 Â 2023 Â Total Segment Adjusted EBITDA Â $ 419 Â $ 143 Â $ 608 Â $ 430 Â Unallocated amounts: Â Â Â Â Â Â Â Â Transformation(1) Â Â (16) Â Â (17) Â Â (30) Â Â (25) Intersegment eliminations Â Â (29) Â Â 31 Â Â (37) Â Â 23 Â Corporate expenses(2) Â Â (41) Â Â (24) Â Â (75) Â Â (54) Provision for depreciation, depletion, and amortization Â Â (163) Â Â (153) Â Â (324) Â Â (306) Restructuring and other charges, net (D) Â Â (18) Â Â (24) Â Â (220) Â Â (173) Interest expense Â Â (40) Â Â (27) Â Â (67) Â Â (53) Other income (expenses), net (P) Â Â 22 Â Â 6 Â Â (37) Â Â 60 Â Other(3) Â Â 42 Â Â (22) Â Â 51 Â Â (61) Consolidated income (loss) before income taxes Â Â 92 Â Â (99) Â Â (233) Â Â (279) Provision for income taxes Â Â (61) Â Â (22) Â Â (43) Â Â (74) Net (income) loss attributable to noncontrolling interest Â Â (11) Â Â 19 Â Â 44 Â Â 20 Â Consolidated net income (loss) attributable to Alcoa Corporation Â $ 20 Â $ (102) Â $ (232) Â $ (333) Â (1)Transformation includes, among other items, the Adjusted EBITDA of previously closed operations.(2)Corporate expenses are composed of general administrative and other expenses of operating the corporate headquarters and other global administrative facilities, as well as research and development expenses of the corporate technical center. (3)Other includes certain items that are not included in the Adjusted EBITDA of the reportable segments.The following table details Alcoa Corporationâ€™s Sales by product division:Â Â Second quarter ended June 30, Â Six months ended June 30, Â Â 2024 Â 2023 Â 2024 Â 2023 Â Aluminum Â $ 1,934 Â $ 1,824 Â $ 3,595 Â $ 3,670 Â Alumina Â Â 904 Â Â 774 Â Â 1,794 Â Â 1,488 Â Energy Â Â 29 Â Â 26 Â Â 62 Â Â 54 Â Bauxite Â Â 96 Â Â 109 Â Â 157 Â Â 236 Â Other(1) Â Â (57) Â Â (49) Â Â (103) Â Â (94) Â $ 2,906 Â $ 2,684 Â Â $ 5,505 Â Â $ 5,354 Â Â Â Â Â Â Â Â Â Â (1)Other includes realized gains and losses related to embedded derivative instruments designated as cash flow hedges of forward sales of aluminum. 10 Â F. Earnings Per Share â€“ Basic earnings per share (EPS) amounts are computed by dividing earnings by the average number of common shares outstanding. Diluted EPS amounts assume the issuance of common stock for all potentially dilutive share equivalents outstanding. The share information used to compute basic and diluted EPS attributable to Alcoa Corporation common shareholders was as follows (shares in millions): Â Â Second quarter ended June 30, Â Â Six months ended June 30, Â Â 2024 Â 2023 Â 2024 Â 2023 Â Net income (loss) attributable to Alcoa Corporation Â $ 20 Â $ (102) Â $ (232) Â $ (333) Average shares outstanding â€“ basic Â Â 180 Â Â 178 Â Â 179 Â Â 178 Â Effect of dilutive securities: Â Â Â Â Â Â Â Â Stock options Â Â â€” Â Â â€” Â Â â€” Â Â â€” Â Stock units Â Â 1 Â Â â€” Â Â â€” Â Â â€” Â Average shares outstanding â€“ diluted Â Â 181 Â Â 178 Â Â 179 Â Â 178 Â In the six-month period of 2024, basic average shares outstanding and diluted average shares outstanding were the same because the effect of potential shares of common stock was anti-dilutive. Had Alcoa generated net income in the six-month period of 2024, two million common share equivalents related to three million outstanding stock units and stock options combined would have been included in diluted average shares outstanding for the period.In the second quarter and six-month period of 2023, basic average shares outstanding and diluted average shares outstanding were the same because the effect of potential shares of common stock was anti-dilutive. Had Alcoa generated net income in the second quarter or six-month period of 2023, two million and three million common share equivalents, respectively, related to three million outstanding stock units and stock options combined would have been included in diluted average shares outstanding for the periods. 11 Â G. Accumulated Other Comprehensive LossThe following table details the activity of the three components that comprise Accumulated other comprehensive loss for both Alcoa Corporationâ€™s shareholders and Noncontrolling interest:Â Â Alcoa Corporation Â Noncontrolling interest Â Â Second quarter ended June 30, Â Second quarter ended June 30, Â Â 2024 Â 2023 Â 2024 Â 2023 Â Pension and other postretirement benefits (L) Â Â Â Â Â Â Â Â Â Â Balance at beginning of period Â $ 9 Â $ 66 Â $ (14) Â $ (5) Other comprehensive income (loss): Â Â Â Â Â Â Â Â Unrecognized net actuarial gain/loss andÂ Â prior service cost/benefit Â Â 10 Â Â (18) Â Â 7 Â Â (2) Tax (expense) benefit(2) Â Â (2) Â Â 8 Â Â (2) Â Â â€” Â Total Other comprehensive income (loss)Â before reclassifications, net of tax Â Â 8 Â Â (10) Â Â 5 Â Â (2) Amortization of net actuarial gain/loss andÂ Â prior service cost/benefit(1) Â Â 5 Â Â 26 Â Â â€” Â Â â€” Â Tax expense(2) Â Â â€” Â Â (6) Â Â â€” Â Â â€” Â Total amount reclassified from AccumulatedÂ Â other comprehensive loss, net of tax(7) Â Â 5 Â Â 20 Â Â â€” Â Â â€” Â Total Other comprehensive income (loss) Â Â 13 Â Â 10 Â Â 5 Â Â (2) Balance at end of period Â $ 22 Â $ 76 Â $ (9) Â $ (7) Â Â Â Â Â Â Â Â Foreign currency translation Â Â Â Â Â Â Â Â Balance at beginning of period Â $ (2,715) Â $ (2,683) Â $ (1,037) Â $ 1,025 Â Other comprehensive (loss) income Â Â (60) Â Â 25 Â Â (16) Â Â 11 Â Balance at end of period Â $ (2,775) Â $ (2,658) Â $ (1,053) Â $ (1,014) Â Â Â Â Â Â Â Â Cash flow hedges (M) Â Â Â Â Â Â Â Â Balance at beginning of period Â $ (922) Â $ (1,038) Â $ â€” Â $ 1 Â Other comprehensive (loss) income: Â Â Â Â Â Â Â Â Net change from periodic revaluations Â Â (153) Â Â 241 Â Â â€” Â Â â€” Â Tax benefit (expense)(2) Â Â 31 Â Â (38) Â Â â€” Â Â â€” Â Total Other comprehensive (loss) income Â before reclassifications, net of tax Â Â (122) Â Â 203 Â Â â€” Â Â â€” Â Net amount reclassified to earnings: Â Â Â Â Â Â Â Â Aluminum contracts(3) Â Â 75 Â Â 33 Â Â â€” Â Â â€” Â Financial contracts(4) Â Â â€” Â Â â€” Â Â â€” Â Â â€” Â Interest rate contracts(5) Â Â (1) Â Â (3) Â Â (1) Â Â â€” Â Foreign exchange contracts(6) Â Â â€” Â Â (3) Â Â â€” Â Â â€” Â Sub-total Â Â 74 Â Â 27 Â Â (1) Â Â â€” Â Tax expense(2) Â Â (14) Â Â (4) Â Â â€” Â Â â€” Â Total amount reclassified from Accumulated Â Â other comprehensive loss, net of tax(7) Â Â 60 Â Â 23 Â Â (1) Â Â â€” Â Total Other comprehensive (loss) income Â Â (62) Â Â 226 Â Â (1) Â Â â€” Â Balance at end of period Â $ (984) Â $ (812) Â $ (1) Â $ 1 Â Â Â Â Â Â Â Â Â Total Accumulated other comprehensive loss Â $ (3,737) Â $ (3,394) Â $ (1,063) Â $ (1,020) Â 12 Â Â Alcoa Corporation Â Noncontrolling interest Â Â Six months ended June 30, Â Six months ended June 30, Â Â 2024 Â 2023 Â 2024 Â 2023 Â Pension and other postretirement benefits (L) Â Â Â Â Â Â Â Â Â Balance at beginning of period Â $ â€” Â $ 62 Â $ (15) Â $ (5) Other comprehensive income (loss): Â Â Â Â Â Â Â Â Unrecognized net actuarial gain/loss andÂ Â prior service cost/benefit Â Â 14 Â Â (18) Â Â 7 Â Â (2) Tax (expense) benefit(2) Â Â (3) Â Â 8 Â Â (2) Â Â â€” Â Total Other comprehensive income (loss)Â Â before reclassifications, net of tax Â Â 11 Â Â (10) Â Â 5 Â Â (2) Amortization of net actuarial gain/loss andÂ Â prior service cost/benefit(1) Â Â 11 Â Â 30 Â Â 1 Â Â â€” Â Tax expense(2) Â Â â€” Â Â (6) Â Â â€” Â Â â€” Â Total amount reclassified from AccumulatedÂ Â other comprehensive loss, net of tax(7) Â Â 11 Â Â 24 Â Â 1 Â Â â€” Â Total Other comprehensive income (loss) Â Â 22 Â Â 14 Â Â 6 Â Â (2) Balance at end of period Â $ 22 Â $ 76 Â $ (9) Â $ (7) Â Â Â Â Â Â Â Â Foreign currency translation Â Â Â Â Â Â Â Â Balance at beginning of period Â $ (2,593) Â $ (2,685) Â $ (983) Â $ (1,040) Other comprehensive (loss) income Â Â (182) Â Â 27 Â Â (70) Â Â 26 Â Balance at end of period Â $ (2,775) Â $ (2,658) Â $ (1,053) Â $ (1,014) Â Â Â Â Â Â Â Â Cash flow hedges (M) Â Â Â Â Â Â Â Â Balance at beginning of period Â $ (1,052) Â $ (916) Â $ â€” Â $ 1 Â Other comprehensive (loss) income: Â Â Â Â Â Â Â Â Net change from periodic revaluations Â Â (36) Â Â 54 Â Â â€” Â Â â€” Â Total Other comprehensive (loss) incomeÂ Â before reclassifications, net of tax Â Â (36) Â Â 54 Â Â â€” Â Â â€” Â Net amount reclassified to earnings: Â Â Â Â Â Â Â Â Aluminum contracts(3) Â Â 132 Â Â 94 Â Â â€” Â Â â€” Â Financial contracts(4) Â Â â€” Â Â â€” Â Â â€” Â Â â€” Â â€” Â Â Â (20) Â Â â€” Â Â â€” Â Interest rate contracts(5) Â Â (1) Â Â (2) Â Â (1) Â Â â€” Â Foreign exchange contracts(6) Â Â (4) Â Â (8) Â Â â€” Â Â â€” Â Sub-total Â Â 127 Â Â 64 Â Â (1) Â Â â€” Â Tax expense(2) Â Â (23) Â Â (14) Â Â â€” Â Â â€” Â Total amount reclassified from Accumulated Â Â other comprehensive loss, net of tax(7) Â Â 104 Â Â 50 Â Â (1) Â Â â€” Â Total Other comprehensive income (loss) Â Â 68 Â Â 104 Â Â (1) Â Â â€” Â Balance at end of period Â $ (984) Â $ (812) Â $ (1) Â $ 1 Â Â Â Â Â Â Â Â Â Total Accumulated other comprehensive loss Â $ (3,737) Â $ (3,394) Â $ (1,063) Â $ (1,020) Â (1)These amounts were included in the computation of net periodic benefit cost for pension and other postretirement benefits (see Note L). (2)These amounts were reported in Provision for income taxes on the accompanying Statement of Consolidated Operations. (3)These amounts were reported in Sales on the accompanying Statement of Consolidated Operations. (4)These amounts were reported in Cost of goods sold on the accompanying Statement of Consolidated Operations. (5)These amounts were reported in Other (income) expenses, net on the accompanying Statement of Consolidated Operations. (6)For the second quarter and six-month period of 2024, these amounts were reported in Sales (both periods) on the accompanying Statement of Consolidated Operations. For the second quarter and six-month period of 2023, $4 was reported in Cost of goods sold (both periods) and $(7) and $(12) were reported in Sales, respectively, on the accompanying Statement of Consolidated Operations. (7)A positive amount indicates a corresponding charge to earnings and a negative amount indicates a corresponding benefit to earnings. 13 Â H. Investments â€“ A summary of unaudited financial information for Alcoa Corporationâ€™s equity investments is as follows (amounts represent 100% of investee financial information):Â Second quarter ended June 30, 2024 Â Saudi ArabiaJoint Venture Â Mining Â Energy Â Other Â Sales Â $ 804 Â $ 158 Â $ 59 Â $ 114 Â Cost of goods sold Â Â 613 Â Â 104 Â Â 25 Â Â 104 Â Net income (loss) Â Â 102 Â Â 14 Â Â 29 Â Â (20) Equity in net income (loss) of affiliated companies, Â Â before reconciling adjustments Â Â 26 Â Â 6 Â Â 11 Â Â (9) Other Â Â (4) Â Â â€” Â Â â€” Â Â 12 Â Alcoa Corporationâ€™s equity in net income of Â Â affiliated companies Â Â 22 Â Â 6 Â Â 11 Â Â 3 Â Â Â Â Â Â Â Â Â Second quarter ended June 30, 2023 Â Â Â Â Â Â Â Â Sales Â $ 700 Â $ 172 Â $ 59 Â $ 116 Â Cost of goods sold Â Â 620 Â Â 101 Â Â 32 Â Â 106 Â Net (loss) income Â Â (99) Â Â 14 Â Â 22 Â Â (33) Equity in net (loss) income of affiliated companies,Â Â before reconciling adjustments Â Â (25) Â Â 6 Â Â 9 Â Â (15) Other Â Â (3) Â Â 1 Â Â 1 Â Â 7 Â Alcoa Corporationâ€™s equity in net (loss) income of Â Â affiliated companies Â Â (28) Â Â 7 Â Â 10 Â Â (8) Â Â Â Â Â Â Â Â Â Six months ended June 30, 2024 Â Â Â Â Â Â Â Â Sales Â $ 1,515 Â $ 273 Â $ 122 Â $ 229 Â Cost of goods sold Â Â 1,212 Â Â 207 Â Â 50 Â Â 209 Â Net income (loss) Â Â 94 Â Â 9 Â Â 60 Â Â (36) Equity in net income (loss) of affiliated companies,Â Â before reconciling adjustments Â Â 24 Â Â 4 Â Â 23 Â Â (17) Other Â Â (12) Â Â â€” Â Â 7 Â Alcoa Corporationâ€™s equity in net income (loss) of Â Â affiliated companies Â Â 12 Â Â 4 Â Â 22 Â Â (10) Â Â Â Â Â Â Â Â Â Six months ended June 30, 2023 Â Â Â Â Â Â Â Â Sales Â $ 1,300 Â $ 359 Â $ 117 Â $ 237 Â Cost of goods sold Â Â 1,302 Â Â 204 Â Â 59 Â Â 219 Â Net (loss) income Â Â (351) Â Â 38 Â Â 46 Â Â (49) Equity in net (loss) income of affiliated companies,Â Â before reconciling adjustments Â Â (88) Â Â 17 Â Â 18 Â Â (23) Other Â Â (15) Â Â 1 Â Â â€” Â Alcoa Corporationâ€™s equity in net (loss) income of Â Â affiliated companies Â Â (103) Â Â 18 Â Â 19 Â Â (23) Â The Companyâ€™s basis in the ELYSISTM Limited Partnership (ELYSIS) as of June 30, 2024 and 2023, included in Other in the table above, has been reduced to zero for its share of losses incurred to date. As a result, the Company has $66 in unrecognized losses as of June 30, 2024 that will be recognized upon additional contributions into the partnership.The results for the Saudi Arabia joint venture for the six-month period of 2023 include an adjustment to the estimate for the settlement of a dispute with an industrial utility for periods in 2021 and 2022. Alcoaâ€™s share of this adjustment is $41 which is included in Other (income) expenses, net on the Statement of Consolidated Operations for the six-month period of 2023. Alcoaâ€™s total share of this dispute of $62 includes $21 that was recorded in the fourth quarter of 2022. I. ReceivablesIn 2023, a wholly-owned special purpose entity (SPE) of the Company entered into and subsequently amended an agreement with a financial institution to sell up to $130 of certain customer receivables without recourse on a revolving basis. The termination date of the agreement is November 14, 2024. Company subsidiaries sell customer receivables to the SPE, which then transfers the receivables to the financial institution. The Company does not maintain effective control over the

transferred receivables, and therefore accounts for the transfers as sales of receivables.14 Â Alcoa Corporation guarantees the performance obligations of the Company subsidiaries, and unsold customer receivables are pledged as collateral to the financial institution to secure the sold receivables. The SPE held unsold customer receivables of $239 and $104 pledged as collateral against the sold receivables as of June 30, 2024 and December 31, 2023, respectively.The Company continues to service the customer receivables that were transferred to the financial institution. As Alcoa collects customer payments, the SPE transfers additional receivables to the financial institution rather than remitting cash.In the second quarter of 2024, the Company sold gross customer receivables of $293 and reinvested collections of $293 from previously sold receivables, resulting in no net cash remittance to the financial institution. In the six-month period of 2024, the Company sold gross customer receivables of $600 and reinvested collections of $584 from previously sold receivables, resulting in net cash proceeds from the financial institution of $16.In the second quarter of 2023, the Company sold gross customer receivables of $98 and reinvested collections of $104 from previously sold receivables, resulting in a net cash remittance to the financial institution of $6. In the six-month period of 2023, the Company sold gross customer receivables of $174 and reinvested collections of $127 from previously sold receivables, resulting in net cash proceeds from the financial institution of $47.Cash collections from previously sold receivables yet to be reinvested of $89 and $99 were included in Accounts payable, trade on the accompanying Consolidated Balance Sheet as of June 30, 2024 and December 31, 2023, respectively. Cash received from sold receivables under the agreement are presented within operating activities in the Statement of Consolidated Cash Flows. J. Inventories Â Â June 30, 2024 Â Â December 31, 2023 Â Finished goods Â $ 320 Â Â $ 355 Â Work-in-process Â Â 268 Â Â 287 Â Bauxite and alumina Â Â 530 Â Â 586 Â Purchased raw materials Â Â 612 Â Â 700 Â Operating supplies Â Â 245 Â Â 230 Â Â $ 1,975 Â $ 2,158 Â K. DebtShort-term BorrowingsInventory Repurchase AgreementsThe Company has entered into inventory repurchase agreements whereby the Company sold aluminum to a third party and agreed to subsequently repurchase substantially similar inventory. The Company did not record sales upon each shipment of inventory and the net cash received of $31 and $56 related to these agreements was recorded in Short-term borrowings within Other current liabilities on the Consolidated Balance Sheet as of June 30, 2024 and December 31, 2023, respectively. The associated inventory sold was reflected in Prepaid expenses and other current assets on the Consolidated Balance Sheet as of June 30, 2024 and December 31, 2023, respectively.During the second quarter and six-month period of 2024, the Company recorded borrowings of $24 and $45, respectively, and repurchased $45 and $70, respectively, of inventory related to these agreements. During the second quarter and six-month period of 2023, the Company recorded borrowings of $25 (six-month period only) and repurchased $15 (both periods) of inventory related to these agreements.The cash received and subsequently paid under the inventory repurchase agreements is included in Cash provided from financing activities on the Statement of Consolidated Cash Flows.144A Debt2031 NotesIn March 2024, Alcoa Nederland Holding B.V. (ANHBV), a wholly-owned subsidiary of Alcoa Corporation, completed a Rule 144A (U.S. Securities Act of 1933, as amended) debt issuance for $750 aggregate principal amount of 7.125% Senior Notes due 2031 (the 2031 Notes), which carry a green bond designation. The net proceeds of this issuance were $737, reflecting a discount to the initial purchasers of the 2031 Notes as well as issuance costs. The Company is utilizing the net proceeds to finance and/or refinance, in whole or in part, new and/or existing qualifying projects on a two-year look back and three-year look forward that meet certain eligibility criteria within its Green Finance Framework. The net proceeds also support the Companyâ€™s cash position and ongoing cash needs, including with respect to its previously announced portfolio actions.15 Â The discount to the initial purchasers, as well as costs to complete the financing, were deferred and are being amortized to interest expense over the term of the 2031 Notes. Interest on the 2031 Notes is paid semi-annually in March and September, and interest payments will commence September 15, 2024. The indenture contains customary affirmative and negative covenants that are similar to those included in the indenture that governs ANHBVâ€™s 4.125% Senior Notes due 2029 issued in March 2021, such as limitations on liens, limitations on sale and leaseback transactions, a prohibition on a reduction in the ownership of AWAC entities below an agreed level, and the calculation of certain financial ratios.ANHBV has the option to redeem the 2031 Notes on at least 10 days, but not more than 60 days, notice to the holders of the 2031 Notes under multiple scenarios, including, in whole or in part, at any time or from time to time on and after March 15, 2027, at the applicable redemption price specified in the indenture (up to 103.563% of the principal amount plus any accrued and unpaid interest in each case). Also, the 2031 Notes are subject to repurchase upon the occurrence of a change in control repurchase event (as defined in the indenture) at a repurchase price in cash equal to 101% of the aggregate principal amount of the 2031 Notes repurchased, plus any accrued and unpaid interest on the 2031 Notes repurchased.The 2031 Notes are guaranteed on a senior unsecured basis by the Company and its subsidiaries that are party to the indenture. The 2031 Notes rank equally in right of payment with all of ANHBVâ€™s existing and future senior unsecured indebtedness, including the ANHBVâ€™s senior notes with maturities in 2027, 2028 and 2029; rank senior in right of payment to any future subordinated obligations of ANHBV; and are effectively subordinated to ANHBVâ€™s existing and future secured indebtedness, including under the Revolving Credit Agreement, to the extent of the value of property and assets securing such indebtedness. See Part II Item 8 of Alcoa Corporationâ€™s Annual Report on Form 10-K in Note M to the Consolidated Financial Statements for the year ended December 31, 2023 for more information related to ANHBVâ€™s existing debt and related covenants.Credit FacilitiesRevolving Credit FacilityThe Company has a $1,250 revolving credit and letter of credit facility in place for working capital and/or other general corporate purposes (the Revolving Credit Facility). The Revolving Credit Facility, established in September 2016, amended and restated in June 2022 and amended in January 2024, is scheduled to mature in June 2027. Subject to the terms and conditions under the Revolving Credit Facility, the Company or ANHBV, a wholly-owned subsidiary of Alcoa Corporation, may borrow funds or issue letters of credit. Under the terms of the January 2024 amendment, the Company agreed to provide collateral for its obligations under the Revolving Credit Facility. See Part II Item 8 of Alcoa Corporationâ€™s Annual Report on Form 10-K in Note M to the Consolidated Financial Statements for the year ended December 31, 2023 for more information on the Revolving Credit Facility.As of June 30, 2024, the Company was in compliance with all financial covenants. The Company may access the entire amount of commitments under the Revolving Credit Facility. There were no borrowings outstanding at June 30, 2024 and December 31, 2023, and no amounts were borrowed during the second quarter and six-month periods of 2024 and 2023 under the Revolving Credit Facility.Japanese Yen Revolving Credit FacilityThe Company entered into a $250 revolving credit facility available to be drawn in Japanese yen (the Japanese Yen Revolving Credit Facility) in April 2023. The Japanese Revolving Credit Facility was amended in January 2024 and in April 2024 (see below) and is scheduled to mature in April 2025. Subject to the terms and conditions under the facility, the Company or ANHBV may borrow funds. The facility includes covenants that are substantially the same as those included in the Revolving Credit Facility. Under the current terms of the January 2024 amendment, the Company agreed to provide collateral for its obligations under the Japanese Yen Revolving Credit Facility. See Part II Item 8 of Alcoa Corporationâ€™s Annual Report on Form 10-K in Note M to the Consolidated Financial Statements for the year ended December 31, 2023 for more information on the Japanese Yen Revolving Credit Facility.As of June 30, 2024, the Company was in compliance with all financial covenants. The Company may access the entire amount of commitments under the Japanese Revolving Credit Facility. There were no borrowings outstanding at June 30, 2024 and December 31, 2023. During the second quarter of 2024, no amounts were borrowed. During the six-month period of 2024, $201 (29,686 JPY) was borrowed and $196 (29,686 JPY) was repaid. No amounts were borrowed during the second quarter and six-month period of 2023 under the Japanese Yen Revolving Credit Facility.On April 26, 2024, the Company entered into an amendment extending the maturity of the Japanese Yen Revolving Credit Facility to April 2025.Â 16 Â Alumina Limited Revolving Credit FacilityIn connection with the acquisition of Alumina Limited, the Company assumed approximately $385 of indebtedness as of August 1, 2024, representing the amount drawn on Alumina Limitedâ€™s revolving credit facility.Alumina Limited has a $500 revolving credit facility with tranches maturing in October 2025 ($100), January 2026 ($150), July 2026 ($150), and June 2027 ($100). Alumina Limitedâ€™s facility contains a financial covenant limiting the incurrence of indebtedness. As of June 30, 2024, Alumina Limited was in compliance with such covenant and could access the remaining commitments under the facility.Alumina Limitedâ€™s revolving credit facility also contains a clause that allows a majority of lenders, upon a change of control, to issue a notice to Alumina Limited requiring repayment within 90 business days of issuing the notice (the 90-day Notice). Alcoa has engaged with the facility lenders and the lenders have indicated their intention to delay issuing the 90-day Notice until at least December 1, 2024, providing additional time for Alcoa to consider potential repayment or refinancing options subsequent to the acquisition of Alumina Limited. L. Pension and Other Postretirement BenefitsThe components of net periodic benefit cost were as follows: Â Â Second quarter endedJune 30, Â Â Six months endedJune 30, Â Pension benefits Â 2024 Â Â 2023 Â Â 2024 Â Â 2023 Â Service cost Â $ 3 Â Â $ 3 Â Â $ 5 Â Â $ 5 Â Interest cost(1) Â Â 27 Â Â 29 Â Â 54 Â Â 60 Â Expected return on plan assets(1) Â Â (35) Â Â (37) Â Â (70) Â Â (76) Recognized net actuarial loss(1) Â Â 8 Â Â 7 Â Â 16 Â Â 14 Â Curtailments(2) Â Â â€” Â Â â€” Â Â 1 Â Â â€” Â Settlements(2) Â Â (1) Â Â 21 Â Â (1) Â Â 21 Â Net periodic benefit cost Â $ 2 Â Â $ 23 Â Â $ 5 Â Â $ 24 Â Â Second quarter endedJune 30, Â Â Six months endedJune 30, Â Other postretirement benefits Â 2024 Â Â 2023 Â Â 2024 Â Â 2023 Â Service cost Â $ â€” Â Â $ 1 Â Â $ 1 Â Â $ 2 Â Interest cost(1) Â Â 6 Â Â 7 Â Â 12 Â Â 13 Â Recognized net actuarial loss(1) Â Â 2 Â Â 1 Â Â 3 Â Â 2 Â Amortization of prior service benefit(1) Â Â (4) Â Â (4) Â Â (7) Â Â (7) Net periodic benefit cost Â $ 4 Â Â $ 5 Â Â $ 9 Â Â $ 10 Â (1)These amounts were reported in Other (income) expenses, net on the accompanying Statement of Consolidated Operations (see Note P).(2)These amounts were reported in Restructuring and other charges, net on the accompanying Statement of Consolidated Operations and Cash Flows.Plan Actions. In 2024, management initiated the following actions to a certain pension plan:Action #1 â€“ On January 8, 2024, Alcoa announced the full curtailment of the Kwinana refinery. As a result, curtailment accounting was triggered within Alcoaâ€™s Australian pension plan. The Company recorded a $1 decrease to Other noncurrent assets and recognized a curtailment loss of $1 ($0 after-tax) in Restructuring and other charges, net on the accompanying Statement of Consolidated Operations. Action #2 â€“ In the second quarter of 2024, settlement accounting and a related plan remeasurement was triggered within Alcoaâ€™s Australian pension plan as a result of participants electing lump sum payments. Alcoa recorded a $19 increase to Other noncurrent assets and recognized a settlement gain of $1 ($0 after-tax) in Restructuring and other charges, net on the Statement of Consolidated Operations.Â 17 Â Action # Â Number ofaffectedplanparticipants Â Weightedaveragediscount rate as of prior plan remeasurement date Â Planremeasurementdate Â Weightedaveragediscount rateas of planremeasurementdate Â Increase (decrease) toother noncurrent assets Â Â Curtailmentloss(1) Â Â Settlement gain(2) Â 1 Â ~110 Â N/A Â N/A Â N/A Â $ (1) Â $ 1 Â $ â€” Â 2 Â ~10 Â 4.81% Â June 30, 2024 Â 5.23% Â 19 Â Â â€” Â Â (1) Â Â ~120 Â Â Â Â Â $ 18 Â Â $ 1 Â Â $ (1) (1)This amount represents the net actuarial loss arising from the curtailment and was recognized immediately in Restructuring and other charges, net on the accompanying Statement of Consolidated Operations. (2)This amount represents the net actuarial gain and was reclassified from Accumulated other comprehensive loss to Restructuring and other charges, net on the accompanying Statement of Consolidated Operations.Funding and Cash Flows. It is Alcoaâ€™s policy to fund amounts for defined benefit pension plans sufficient to meet the minimum requirements set forth in each applicable countryâ€™s benefits laws and tax laws, including the Employee Retirement Income Security Act of 1974 (ERISA) for U.S. plans. From time to time, the Company contributes additional amounts as deemed appropriate.Under ERISA regulations, a plan sponsor that establishes a pre-funding balance by making discretionary contributions to a U.S. defined benefit pension plan may elect to apply all or a portion of this balance toward its minimum required contribution obligations to the related plan in future years. In the first and second quarters of 2024, management made such elections related to the Companyâ€™s U.S. plans and intends to do so for the remainder of 2024. As a result, Alcoaâ€™s minimum required contribution to defined benefit pension plans in 2024 is estimated to be approximately $18, of which approximately $4 was contributed to non-U.S. plans during the second quarter of 2024. In the six-month period of 2024, $10 was contributed to non-U.S. plans.In the second quarter of 2023, $5 was contributed to non-U.S. plans. In six-month period of 2023, $9 was contributed to non-U.S. plans. M. Derivatives and Other Financial InstrumentsFair Value Fair value is defined as the price that would be received to sell an asset or paid to transfer a liability in an orderly transaction between market participants at the measurement date. The fair value hierarchy distinguishes between (i) market participant assumptions developed based on market data obtained from independent sources (observable inputs) and (ii) an entityâ€™s own assumptions about market participant assumptions developed based on the best information available in the circumstances (unobservable inputs). The fair value hierarchy consists of three broad levels, which gives the highest priority to unadjusted quoted prices in active markets for identical assets or liabilities (Level 1) and the lowest priority to unobservable inputs (Level 3). The three levels of the fair value hierarchy are described below:â€¢Level 1 - Unadjusted quoted prices in active markets that are accessible at the measurement date for identical, unrestricted assets or liabilities.â€¢Level 2 - Inputs other than quoted prices included within Level 1 that are observable for the asset or liability, either directly or indirectly, including quoted prices for similar assets or liabilities in active markets; quoted prices for identical or similar assets or liabilities in markets that are not active; inputs other than quoted prices that are observable for the asset or liability (e.g., interest rates); and inputs that are derived principally from or corroborated by observable market data by correlation or other means.â€¢Level 3 - Inputs that are both significant to the fair value measurement and unobservable.Derivatives Alcoa Corporation is exposed to certain risks relating to its ongoing business operations, including the risks of changing commodity prices, foreign currency exchange rates, and interest rates. Alcoa Corporationâ€™s commodity and derivative activities include aluminum, energy, foreign exchange, and interest rate contracts which are held for purposes other than trading. They are used to mitigate uncertainty and volatility, and to cover underlying exposures. While Alcoa does not generally enter into derivative contracts to mitigate the risk associated with changes in aluminum price, the Company may do so in isolated cases to address discrete commercial or operational conditions. Alcoa is not involved in trading activities for energy, weather derivatives, or other nonexchange commodity trading activities.18 Â Alcoa Corporationâ€™s aluminum and foreign exchange contracts are predominantly classified as Level 1 under the fair value hierarchy. All of the Level 1 contracts are designated as either fair value or cash flow hedging instruments. Alcoa Corporation also has several derivative instruments classified as Level 3 under the fair value hierarchy, which are either designated as cash flow hedges or undesignated. Alcoa includes the changes in its equity method investeeâ€™s Level 2 derivatives in Accumulated other comprehensive loss in the accompanying Consolidated Balance Sheet.The following tables present the detail for Level 1 and 3 derivatives (see additional Level 3 information in further tables below):Â Â June 30, 2024 Â Â December 31, 2023 Â Â Assets Â Â Liabilities Â Â Assets Â Â Liabilities Â Level 1 derivative instruments Â $ 4 Â Â $ 11 Â Â $ 16 Â Â $ 9 Â Level 3 derivative instruments Â Â 34 Â Â 1,191 Â Â 16 Â Â 1,297 Â Total Â $ 38 Â Â $ 1,202 Â Â $ 32 Â Â $ 1,306 Â Less: Current Â Â 38 Â Â 251 Â Â 29 Â Â 214 Â Noncurrent Â $ â€” Â Â $ 951 Â Â $ 3 Â Â $ 1,092 Â Â 2024 Â Â 2023 Â Second quarter ended June 30, Â Unrealized loss recognized in Other comprehensive loss Â Realized gain (loss) reclassed from Other comprehensive loss to earnings Â Unrealized gain recognized in Other comprehensive loss Â Realized gain (loss) reclassed from Other comprehensive loss to earnings Â Level 1 derivative instruments Â $ (7) Â $ â€” Â Â $ 42 Â Â $ 28 Â Level 3 derivative instruments Â Â (146) Â Â (75) Â Â 197 Â Â (58) Noncontrolling and equity interest (Level 2) Â Â â€” Â Â 1 Â Â 2 Â Â 3 Â Total Â $ (153) Â $ (74) Â $ 241 Â Â $ (27) For the second quarter of 2024, the realized gains and losses on Level 1 cash flow hedges were immaterial. For the second quarter of 2023, the realized gain of $28 on Level 1 cash flow hedges was comprised of a $32 gain recognized in Sales and a $4 loss recognized in Cost of goods sold. Â Â 2024 Â Â 2023 Â Six months ended June 30, Â Unrealized loss recognized in Other comprehensive loss Â Realized gain (loss) reclassed from Other comprehensive loss to earnings Â Unrealized gain recognized in Other comprehensive loss Â Realized gain (loss) reclassed from Other comprehensive loss to earnings Â Level 1 derivative instruments Â $ (10) Â $ 4 Â Â $ 31 Â Â $ 44 Â Level 3 derivative instruments Â Â (26) Â Â (132) Â Â 23 Â Â (110) Noncontrolling and equity interest (Level 2) Â Â â€” Â Â 1 Â Â â€” Â Â 2 Â Total Â $ (36) Â $ (127) Â $ 54 Â Â $ (64) For the six-month period of 2024, the realized gain of $4 on Level 1 cash flow hedges was recognized in Sales. For the six-month period of 2023, the realized gain of $44 on Level 1 cash flow hedges was comprised of a $48 gain recognized in Sales and a $4 loss recognized in Cost of goods sold.The following table presents the outstanding quantities of derivative instruments classified as Level 1:Â Classification Â June 30, 2024 Â Â June 30, 2023 Â Aluminum (in kmt) Commodity buy forwards Â Â 133 Â Â 187 Â Aluminum (in kmt) Commodity sell forwards Â Â 80 Â Â 206 Â Foreign currency (in millions of euro) Foreign exchange buy forwards Â Â 61 Â Â 86 Â Foreign currency (in millions of euro) Foreign exchange sell forwards Â Â 16 Â Â 18 Â Foreign currency (in millions of Norwegian krone) Foreign exchange buy forwards Â Â 85 Â Â 232 Â Foreign currency (in millions of Brazilian real) Foreign exchange buy forwards Â Â 351 Â Â 1,010 Â Foreign currency (in millions of Canadian dollar) Foreign exchange buy forwards Â Â 22 Â Â â€” Â Alcoa Corporation routinely uses Level 1 aluminum derivative instruments to manage exposures to changes in the fair value of firm commitments for the purchases or sales of aluminum. Additionally, Alcoa uses Level 1 aluminum derivative instruments to manage LME exposures at certain locations with profitability improvement actions (expires December 2024), and the Alumar (Brazil) smelter restart (expired December 2023).Alcoa Corporation uses Level 1 foreign exchange forward contracts to mitigate the risk of foreign exchange exposure related to euro power purchases in Norway (expires December 2026), U.S. dollar aluminum sales in Norway (expires June 2025), U.S. dollar alumina and aluminum sales in Brazil (expires August 2025), and U.S. dollar aluminum sales in Canada (expires March 2025).19 Â Additional Level 3 DisclosuresThe following table presents quantitative information related to the significant unobservable inputs described above for Level 3

derivative instruments (megawatt hours in MWh):Â Â Â June 30, 2024 Â Unobservable Input Â Unobservable Input Range Asset Derivatives Â Â Â Â Â Â Financial contract (undesignated) Â $ 34 Â Â Interrelationship of forward energy price, LME forward price, and the Consumer Price Index Â Electricity(per MWh) 2024: $93.522024: $40.54 Â Â Â Â Â Â LME (per mt) 2024: $2,491 Â Â Â Â Â Â 2024: $2,562 Total Asset Derivatives Â $ 34 Â Â Â Â Â Liability Derivatives Â Â Â Â Â Â Power contract Â $ 180 Â MWh of energy needed to produce the forecasted mt of aluminum Â LME (per mt) 2024: $2,4912027: $2,742 Â Â Â Â Â Â Electricity Rate of 4Â million MWh per year Power contracts Â 1,008 Â Â MWh of energy needed to produce the forecasted mt of aluminum Â LME (per mt) 2024: $2,4912029: $2,7342036: $2,934 Â Â Â Â Â Â Midwest premium(per pound) 2024: $0.19992029: $0.23652036: $0.2365 Â Â Â Â Â Â Electricity Rate of 18Â million MWh per year Power contract Â 2 Â Â MWh of energy needed to produce the forecasted mt of aluminum Â LME (per mt) 2024: $2,4912024: $2,524 Â Â Â Â Midwest premium (per pound) 2024: $0.19992024: $0.2240 Â Â Â Â Â Electricity Rate of 2Â million MWh per year Power contract (undesignated) Â Â 1 Â Estimated spread between the 30-year debt yield of Alcoa and the counterparty Â Credit spread 1.71%: 30-year debt yield spread6.98%: Alcoa (estimated)5.27%: counterparty Total Liability Derivatives Â $ 1,191 Â Â Â Â Â Â The fair values of Level 3 derivative instruments recorded in the accompanying Consolidated Balance Sheet were as follows:Â Asset Derivatives Â June 30, 2024 Â December 31, 2023 Â Derivatives not designated as hedging instruments: Â Â Â Â Â Currentâ€"financial contract Â $ 34 Â Â $ 16 Â Total derivatives not designated as hedging instruments Â $ 34 Â Â $ 16 Â Total Asset Derivatives Â $ 34 Â Â $ 16 Â Liability Derivatives Â Â Â Â Â Derivatives designated as hedging instruments: Â Â Â Â Â Currentâ€"power contracts Â $ 245 Â Â $ 210 Â Noncurrentâ€"power contracts Â Â 945 Â Â 1,087 Â Total derivatives designated as hedging instruments Â $ 1,190 Â Â $ 1,297 Â Derivatives not designated as hedging instruments: Â Â Â Â Â Noncurrentâ€"embedded credit derivative Â Â 1 Â Â Â â€" Â Total derivatives not designated as hedging instruments Â $ 1 Â Â $â€" Â Total Liability Derivatives Â $ 1,191 Â Â $ 1,297 Â Assuming market rates remain constant with the rates at June 30, 2024, a realized loss of $245 related to power contracts is expected to be recognized in Sales over the next 12 months.At June 30, 2024 and December 31, 2023, the power contracts with embedded derivatives designated as cash flow hedges include hedges of forecasted aluminum sales of 1,344 kmt and 1,456 kmt, respectively.20 Â The following tables present the reconciliation of activity for Level 3 derivative instruments: Â Â Assets Â Second quarter ended June 30, 2024 Â Financial contracts Â April 1, 2024 Â $ 12 Â Total gains or losses included in: Â Â Â Other income, net (unrealized/realized) Â Â 55 Â Settlements and other Â Â (33) June 30, 2024 Â $ 34 Â Change in unrealized gains or losses included in earningsÂ Â for derivative instruments held at June 30, 2024: Â Â Other income, net Â Â 55 Â Â Liabilities Â Second quarter ended June 30, 2024 Â Power contracts Â Embeddedcreditderivative Â April 1, 2024 Â $ 1,120 Â $â€" Â Total gains or losses included in: Â Â Â Â Sales (realized) Â Â (76) Â â€" Â Other expenses, net (unrealized/realized) Â Â â€" Â 1 Â Other comprehensive income (unrealized) Â Â 146 Â â€" Â June 30, 2024 Â $ 1,190 Â $ 1 Â Change in unrealized gains or losses included in earningsÂ Â for derivative instruments held at June 30, 2024: Â Â Â Â Other expenses, net Â $ â€" Â $ 1 Â Assets Â Six months ended June 30, 2024 Â Financial contracts Â January 1, 2024 Â $ 16 Â Total gains or losses included in: Â Â Â Other income, net (unrealized/realized) Â Â 50 Â Settlements and other Â Â (32) June 30, 2024 Â $ 34 Â Change in unrealized gains or losses included in earningsÂ Â for derivative instruments held at June 30, 2024: Â Â Other income, net Â Â 50 Â Â Liabilities Â Six months ended June 30, 2024 Â Power contracts Â Embeddedcreditderivative Â January 1, 2024 Â $ 1,297 Â $â€" Â Total gains or losses included in: Â Â Â Â Sales (realized) Â Â (133) Â â€" Â Other expenses, net (unrealized/realized) Â Â â€" Â 1 Â Other comprehensive income (unrealized) Â Â 26 Â â€" Â June 30, 2024 Â $ 1,190 Â $ 1 Â Change in unrealized gains or losses included in earningsÂ Â for derivative instruments held at June 30, 2024: Â Â Â Â Other expenses, net Â $â€" Â $ 1 Â There were no purchases, sales, or settlements of Level 3 derivative instruments in the periods presented.Â 21 Â Other Financial Instruments The carrying values and fair values of Alcoa Corporationâ€™s other financial instruments were as follows: Â Â June 30, 2024 Â December 31, 2023 Â Â Carrying value Â Â Fair value Â Â Carrying value Â Â Fair value Â Cash and cash equivalents Â $ 1,396 Â Â $ 1,396 Â Â $ 944 Â Â $ 944 Â Restricted cash Â Â 97 Â Â Â 97 Â Â Â 103 Â Â Â 103 Â Short-term borrowings Â Â 31 Â Â Â 31 Â Â Â 56 Â Â Â 56 Â Long-term debt due within one year Â Â 79 Â Â Â 79 Â Â Â 79 Â Â Â 79 Â Long-term debt, less amount due within one year Â Â 2,469 Â Â 2,477 Â Â 1,732 Â Â 1,702 Â The following methods were used to estimate the fair values of other financial instruments:Cash, and cash equivalents and Restricted cash. The carrying amounts approximate fair value because of the short maturity of the instruments. The fair value amounts for Cash and cash equivalents and Restricted cash were classified in Level 1 of the fair value hierarchy.Short-term borrowings and Long-term debt, including amounts due within one year. The fair value of Long-term debt, less amounts due within one year was based on quoted market prices for public debt and on interest rates that are currently available to Alcoa Corporation for issuance of debt with similar terms and maturities for non-public debt. The fair value amounts for all Short-term borrowings and Long-term debt were classified in Level 2 of the fair value hierarchy. N. Income Taxes â€" Alcoa Corporationâ€™s estimated annualized effective tax rate (AETR) for 2024 as of June 30, 2024 differs from the U.S. federal statutory rate of 21% primarily due to losses in certain jurisdictions with full valuation allowances resulting in no tax benefit. In addition, income in foreign jurisdictions with higher statutory tax rates contribute to the variance from 21%.Â Â Â Six months ended June 30, Â Â 2024 Â Â 2023 Â Â Loss before income taxes Â $ (233) Â Â $ (279) Â Estimated annualized effective tax rate Â Â 105.1 Â % Â Â (29.3) % Income tax (benefit) expense Â $ (245) Â Â $ 82 Â Â Unfavorable (favorable) tax impact related to losses in jurisdictions with no tax benefit Â Â 288 Â Â Â (11) Â Discrete tax expense Â Â Â â€" Â Â 3 Â Â Provision for income taxes Â $ 43 Â Â $ 74 Â Alcoa Australia Holdings Pty Ltd (AAH), a wholly-owned indirect subsidiary of Alcoa, made an election prior to July 31, 2024 that results in Alcoaâ€™s other wholly-owned Australian subsidiaries joining AAHâ€™s tax consolidated group (the AAH Tax Consolidated Group). As a result of the acquisition of Alumina Limited, Alumina Limited and all of its Australian subsidiaries, as well as AofA and all of its subsidiaries, joined the AAH Tax Consolidated Group on August 1, 2024. Alcoa will recognize a deferred tax asset of approximately $100 related to the portion of Alumina Limitedâ€™s Australian net operating loss carryforwards that the Company has determined are more likely than not to be realized as a result of the consolidated return election. The Inflation Reduction Act of 2022 (IRA) contains a number of tax credits and other incentives for investments in renewable energy production, carbon capture, and other climate-related actions, as well as the production of critical minerals. In December 2023, the U.S. Treasury issued guidance on Section 45X of the Advanced Manufacturing Tax Credit. The Notice of Proposed Rulemaking (the Notice) clarifies that commercial grade aluminum can qualify for the credit, which was designed to incentivize domestic production of critical materials important for the global transition to renewable energy. In the second quarter and six-month period of 2024, the Company recorded benefits of $10 and $20 in Cost of goods sold, respectively, related to its Massena West smelter (New York) and its Warrick smelter (Indiana). As of June 30, 2024, benefits of $36 were included in Other receivables and $20 were included in Other noncurrent assets on the Consolidated Balance Sheet. As of December 31, 2023, benefits of $36 were included in Other receivables on the Consolidated Balance Sheet. Â 22 Â O. ContingenciesEnvironmental MattersAlcoa Corporation participates in environmental assessments and cleanups at several locations. These include currently or previously owned or operated facilities and adjoining properties, and waste sites, including Superfund (Comprehensive Environmental Response, Compensation and Liability Act (CERCLA)) sites. Alcoa Corporationâ€™s environmental remediation reserve balance reflects the most probable costs to remediate identified environmental conditions for which costs can be reasonably estimated. The following table details the changes in the carrying value of recorded environmental remediation reserves:Â Balance at DecemberÂ 31, 2022 Â $ 284 Â Liabilities incurred Â Â 39 Â Cash payments Â Â (55) Reversals of previously recorded liabilities Â Â (1) Foreign currency translation and other Â Â 1 Â Balance at December 31, 2023 Â Â 268 Â Liabilities incurred Â Â 1 Â Cash payments Â Â (16) Foreign currency translation and other Â Â (1) Balance at June 30, 2024 Â $ 252 Â At June 30, 2024 and December 31, 2023, the current portion of the environmental remediation reserve balance was $61 and $66, respectively. Payments related to remediation expenses applied against the reserve were $10 and $16 in the second quarter and six-month period of 2024, respectively. These amounts include mandated expenditures as well as those not required by any regulatory authority or third party.During the second quarter and six-month period of 2023, the Company incurred liabilities of $4 and $18, respectively. The Company incurred liabilities of $14 for the six-month period of 2023 primarily related to the closure of the previously curtailed Intalco aluminum smelter, which was recorded in Restructuring and other charges, net (see Note D) on the Statement of Consolidated Operations, and incurred liabilities of $4 for the second quarter of 2023 for ongoing remediation work at various other sites, which was recorded in Cost of goods sold on the accompanying Statement of Consolidated Operations. Payments related to remediation expenses applied against the reserve were $16 and $23 in the second quarter and six-month period of 2023, respectively. These amounts include mandated expenditures as well as those not required by any regulatory authority or third party. Further, the Company recorded a reversal of a reserve of $1 during the six-month period of 2023 due to the determination that certain remaining site remediation is no longer required. The estimated timing of cash outflows from the environmental remediation reserve at June 30, 2024 was as follows: 2024 (excluding the six months ended June 30, 2024) $ 48 Â 2025 â€" 2029 Â 119 Â Thereafter Â 85 Â Total $ 252 Â Reserve balances at June 30, 2024 and December 31, 2023, associated with significant sites with active remediation underway or for future remediation were $199 and $211, respectively. In managementâ€™s judgment, the Companyâ€™s reserves are sufficient to satisfy the provisions of the respective action plans. Upon changes in facts or circumstances, a change to the reserve may be required. The Companyâ€™s significant sites include: Surinameâ€"The reserve associated with the 2017 closure of the Suralco refinery and bauxite mine is for treatment and disposal of refinery waste and soil remediation. The work began in 2017 and is expected to be completed at the end of 2029. Hurricane Creek, Arkansasâ€"The reserve associated with the 1990 closure of two mining areas and refineries near Hurricane Creek, Arkansas is for ongoing monitoring and maintenance for water quality surrounding the mine areas and residue disposal areas.Massena, New Yorkâ€"The reserve associated with the 2015 closure of the Massena East smelter by the Companyâ€™s subsidiary, Reynolds Metals Company, is for subsurface soil remediation to be performed after demolition of the structures. Remediation work commenced in 2021 and will take four to eight years to complete. 23 Â Point Comfort, Texasâ€"The reserve associated with the 2019 closure of the Point Comfort alumina refinery is for disposal of industrial wastes contained at the site, subsurface remediation, and post-closure monitoring and maintenance. The final remediation plan is currently being developed, which may result in a change to the existing reserve. Sherwin, Texasâ€"In connection with the 2018 settlement of a dispute related to the previously-owned Sherwin alumina refinery, the Companyâ€™s subsidiary, Copano Enterprises LLC, accepted responsibility for the final closure of four bauxite residue waste disposal areas (known as the Copano facility). Work commenced on the first residue disposal area in 2018 and is expected to be completed no later than May 2028. Other than ongoing maintenance and repair activities, work on the next three areas has not commenced but is expected to be completed by 2048, depending on its potential re-use.Longview, Washingtonâ€"In connection with a 2018 Consent Decree and Cleanup Action Plan with the State of Washington Department of Ecology, the Companyâ€™s subsidiary, Northwest Alloys as landowner, accepted certain responsibilities for future remediation of contaminated soil and sediments at the site located near Longview, Washington. In December 2020, the lessee of the land, who was a partner in the remediation of the site, filed for bankruptcy and exited the site in January 2021. The full site remediation project design, including long-term and post-closure monitoring and maintenance at the site, was approved in March 2023. In the third quarter of 2023, changes in scope and cost increases for remediation resulted in an increase to the reserve. The project is planned to be completed by the end of 2026. Addy, Washingtonâ€"The reserve associated with the 2022 closure of the Addy magnesium smelter facility is for site-wide remediation and investigation and post-closure monitoring and maintenance. Remediation work is not expected to begin until 2026 and will take three to five years to complete. The final remediation plan is currently being developed, which may result in a change to the existing reserve.Ferndale, Washingtonâ€"The reserve associated with the 2023 closure of the Intalco aluminum smelter in Ferndale, Washington is for below grade site remediation and five years of post-closure maintenance and monitoring. The final remediation plan is under review.Other Sitesâ€"The Company is in the process of decommissioning various other plants and remediating sites in several countries for potential redevelopment or to return the land to a natural state. In aggregate, there are remediation projects at 32 other sites that are planned or underway. These activities will be completed at various times in the next three to five years, after which ongoing monitoring and other activities may be required. At June 30, 2024 and December 31, 2023, the reserve balance associated with these activities was $53 and $57, respectively.TaxBrazil (AWAB)â€"Under Brazilian law, taxpayers who generate non-cumulative federal value added tax credits related to exempt exports may either request a refund in cash (monetization) or offset them against other federal taxes owed. In 2012, AWAB requested monetization of $136 (R$273) from the Brazilian Federal Revenue Office (RFB) and received $68 (R$136) that year. In March 2013, AWAB was notified by the RFB that approximately $110 (R$220) of value added tax credits previously claimed were being disallowed and a penalty of 50% was assessed. $41 (R$82) of the cash received in 2012 related to the disallowed amount. The value added tax credits were claimed by AWAB for both fixed assets and export sales related to the Juruti bauxite mine and Alumar refinery expansion for tax years 2009 through 2011. The RFB has disallowed credits they allege belong to the consortium in which AWAB owns an interest and should not have been claimed by AWAB. Credits have also been disallowed as a result of challenges to apportionment methods used, questions about the use of the credits, and an alleged lack of documented proof. AWAB presented defense of its claim to the RFB on April 8, 2013.In February 2022, the RFB notified AWAB that it had inspected the value added tax credits claimed for 2012 and disallowed $4 (R$19). In its decision, the RFB allowed credits of $14 (R$65) that were similar to those previously disallowed for 2009 through 2011. In July 2022, the RFB notified AWAB that it had inspected the value added tax credits claimed for 2013 and disallowed $13 (R$66). In its decision, the RFB allowed credits of $10 (R$53) that were similar to those previously disallowed for 2009 through 2011. AWAB received the 2012 allowed credits with interest of $9 (R$44) in March 2022 and the 2013 allowed credits with interest of $6 (R$31) in August 2022. The decisions on the 2012 and 2013 credits provide positive evidence to support managementâ€™s opinion that there is no basis for these credits to be disallowed. AWAB will continue to dispute the credits that were disallowed for 2012 and 2013. If AWAB is successful in this administrative process, the RFB would have no further recourse. If unsuccessful in this process, AWAB has the option to litigate at a judicial level. Separately from AWABâ€™s administrative appeal, in June 2015, a new tax law was enacted repealing the provisions in the tax code that were the basis for the RFB assessing a 50% penalty in this matter. As such, the estimated range of reasonably possible loss for these matters is $0 to $55 (R$305). It is managementâ€™s opinion that the allegations have no basis; however, at this time, the Company is unable to reasonably predict an outcome for this matter.Â 24 Â Australia (AofA)â€"In December 2019, AofA received a statement of audit position (SOAP) from the Australian Taxation Office (ATO) related to the pricing of certain historic third-party alumina sales. The SOAP proposed adjustments that would result in additional income tax payable by AofA. During 2020, the SOAP was the subject of an independent review process within the ATO. At the conclusion of this process, the ATO determined to continue with the proposed adjustments and issued Notices of Assessment (the Notices) that were received by AofA on July 7, 2020. The Notices asserted claims for income tax payable by AofA of approximately $143 (A$214). The Notices also included claims for compounded interest on the tax amount totaling approximately $474 (A$707). On September 17, 2020, the ATO issued a position paper with its preliminary view on the imposition of administrative penalties related to the tax assessment issued to AofA. This paper proposed penalties of approximately $86 (A$128). AofA disagreed with the Notices and with the ATOâ€™s proposed position on penalties. During 2020, AofA lodged formal objections to the Notices, provided a submission on the ATOâ€™s imposition of interest and submitted a response to the ATOâ€™s position paper on penalties. After the ATO completes its review of AofAÂ's response to the penalties position paper, the ATO could issue a penalty assessment.To date, AofA has not received a response to its submission on the ATOâ€™s imposition of interest or its response to the ATOâ€™s position paper on penalties.Through February 1, 2022, AofA did not receive a response from the ATO on AofAâ€™s formal objections to the Notices and, on that date, AofA submitted statutory notices to the ATO requiring the ATO to make decisions on AofAâ€™s objections within a 60-day period. On April 1, 2022, the ATO issued its decision disallowing the Companyâ€™s objections related to the income tax assessment, while the position on penalties and interest remains outstanding. On April 29, 2022, AofA filed proceedings in the Australian Administrative Appeals Tribunal (AAT) against the ATO to contest the Notices. The AAT held the first directions hearing on July 25, 2022 ordering AofA to file its evidence and related materials by November 4, 2022, ATO to file its materials by April 14, 2023 and AofA to file reply materials by May 26, 2023. AofA filed its evidence and related materials on November 4, 2022. The ATO did not file its materials by April 14, 2023. At a directions hearing on May 17, 2023, the ATO was granted an extension to file its materials by August 18, 2023. At a directions hearing on September 26, 2023, the ATO was granted an additional extension to file its materials by November 3, 2023. The ATO filed its materials on November 13, 2023. At a directions hearing on November 22, 2023, AofA was ordered to file any reply materials by March 15, 2024. AofA filed its reply materials on March 15, 2024. The substantive hearing was completed in June 2024, and AofA is awaiting the AATâ€™s decision.The Company maintains that the sales subject to the ATOâ€™s review, which were ultimately sold to Aluminium Bahrain B.S.C., were the result of armâ€™s length transactions by AofA over two decades and were made at armâ€™s length prices consistent with the prices paid by other third-party alumina customers.In accordance with the ATOâ€™s dispute resolution practices, AofA paid 50% of the assessed income tax amount exclusive of interest and any penalties, or approximately $74 (A$107), during the third quarter 2020,

and the ATO is not expected to seek further payment prior to final resolution of the matter. If AofA is ultimately successful, any amounts paid to the ATO as part of the 50% payment would be refunded. AofA funded the payment with cash on hand and recorded the payment within Other noncurrent assets as a noncurrent prepaid tax asset; at June 30, 2024 the related balance was $72 (A$107). Further interest on the unpaid tax will continue to accrue during the dispute. The initial interest assessment and the additional interest accrued are deductible against taxable income by AofA but would be taxable as income in the year the dispute is resolved if AofA is ultimately successful. AofA applied this deduction beginning in the third quarter of 2020, reducing cash tax payments. At June 30, 2024 and December 31, 2023, total reductions in cash tax payments were $209 (A$312) and $199 (A$293), respectively, and are reflected within Other noncurrent liabilities and deferred credits as a noncurrent accrued tax liability. The Company continues to believe it is more likely than not that AofA's tax position will be sustained and therefore is not recognizing any tax expense in relation to this matter. However, because the ultimate resolution of this matter is uncertain at this time, the Company cannot predict the potential loss or range of loss associated with the outcome, which may materially affect its results of operations and financial condition. References to any assessed U.S. dollar amounts presented in connection with this matter have been converted into U.S. dollars from Australian dollars based on the exchange rate in the respective period. 25 Legal Proceedings St. Croix Proceedings—Prior to 2012, Alcoa Inc., the Company's former parent company, was served with two multi-plaintiff actions alleging personal injury or property damage from Hurricane Georges or winds blowing material from the Company's former St. Croix alumina facility. These actions were subsequently consolidated into the Red Dust Claims docket in 2017. In March 2022, the Superior Court of the Virgin Islands issued an amended case management order dividing complaints filed in the Red Dust docket into groups of 50 complaints, designated Groups A through I. The parties selected 10 complaints from Group A to proceed to trial as the Group A lead cases. In May 2024, the Court issued an amended case management order with regard to the Group A lead cases scheduling trials to begin in November 2024. Trials with regard to the Group A lead cases will continue through July 2025. The Court further ordered the parties to participate in mediation on or before August 31, 2024. After completing its case analysis in the second quarter of 2024, the Company recorded a reserve for its estimate of probable loss and a related receivable for insurance proceeds with no material impact to the results of operations. General In addition to the matters discussed above, various other lawsuits, claims, and proceedings have been or may be instituted or asserted against Alcoa Corporation, including those pertaining to environmental, safety and health, commercial, tax, product liability, intellectual property infringement, governance, employment, and employee and retiree benefit matters, and other actions and claims arising out of the normal course of business. While the amounts claimed in these other matters may be substantial, the ultimate liability is not readily determinable because of the considerable uncertainties that exist. Accordingly, it is possible that the Company's liquidity or results of operations in a particular period could be materially affected by one or more of these other matters. However, based on facts currently available, management believes that the disposition of these other matters that are pending or asserted will not have a material adverse effect, individually or in the aggregate, on the financial position of the Company. P. Other Financial Information

Other (Income) Expenses, Net

	Second quarter ended June 30,		Six months ended June 30,	
	2024	2023	2024	2023
Equity (gain) loss	$ (22)	$ 44	$ 5	$ 139
Foreign currency losses (gains), net	57	(39)	81	(55)
Net loss from asset sales	6	1	17	15
Net (gain) loss on mark-to-market derivative instruments	(54)	9	(49)	(17)
Non-service costs – pension and other postretirement benefits	4	4	3	8
Other, net	(13)	(12)	(25)	(28)
	$ (22)	$ 6	$ 37	$ 60

Other Noncurrent Assets

	June 30, 2024	December 31, 2023
Prepaid gas transmission contract	$ 296	$ 297
Value added tax credits	287	336
Gas supply prepayment	261	283
Deferred mining costs, net	186	187
Prepaid pension benefit	153	125
Goodwill	144	146
Noncurrent prepaid tax asset	72	73
Noncurrent restricted cash	53	71
Intangibles, net	35	37
Other	114	95
	$ 1,601	$ 1,650

Cash and Cash Equivalents and Restricted Cash

	June 30, 2024	December 31, 2023
Cash and cash equivalents	$ 1,396	$ 944
Current restricted cash	44	32
Noncurrent restricted cash	53	71
	$ 1,493	$ 1,047

 26 Q. Supplier Finance Programs The Company has various supplier finance programs with third-party financial institutions that are made available to suppliers to facilitate payment term negotiations. Under the terms of these agreements, participating suppliers receive payment in advance of the payment date from third-party financial institutions for qualifying invoices. Alcoa's obligations to its suppliers, including amounts due and payment terms, are not impacted by its suppliers' participation in these programs. The Company does not pledge any assets as security or provide any guarantees beyond payment of outstanding invoices at maturity under these arrangements. The Company does not pay fees to the financial institutions under these arrangements. At June 30, 2024 and December 31, 2023, qualifying supplier invoices outstanding under these programs were $123 and $104, respectively, and have payment terms ranging from 50 to 110 days. These obligations are included in Accounts payable, trade on the accompanying Consolidated Balance Sheet. R. Subsequent Events On August 1, 2024, the Company completed the acquisition of Alumina Limited (see Note C). On July 31, 2024, the Board of Directors declared a quarterly cash dividend of $0.10 per share of the Company's common stock and Series A convertible preferred stock, to be paid on August 29, 2024 to stockholders of record as of the close of business on August 12, 2024. Dividends on Alcoa's common and preferred shares are paid in U.S. dollars. Dividends on CDIs paid in a currency other than U.S. dollar will be determined using foreign currency exchange rates as of August 22, 2024. In May 2022, the Company received a Notice of Violation (NOV) from the U.S. Environmental Protection Agency (the EPA). The NOV alleges violations under the Clean Air Act at the Company's Intalco smelter from when the smelter was operational. The EPA referred the matter to the U.S. Department of Justice, Environment and Natural Resources Division (the DOJ) in May 2022. The DOJ and the Company agreed to a stipulated settlement, which was filed with the United States District Court for the Western District of Washington at Seattle on July 18, 2024, requiring the Company to pay a civil fine of $5. An accrual for this matter was included within Other current liabilities on the Consolidated Balance Sheet as of June 30, 2024. 27 Item 2. Management's Discussion and Analysis of Financial Condition and Results of Operations. (dollars in millions, except per-share amounts, average realized prices, and average cost amounts; metric tons in thousands (kmt); dry metric tons in millions (mdmt)) Business Update Alcoa continued to progress the acquisition of Alumina Limited during the second quarter of 2024 and announced the completion of the acquisition on August 1, 2024. The acquisition is intended to enhance Alcoa's position as a leading pure play, upstream aluminum company globally, while simplifying the Company's corporate structure and governance, resulting in greater operational and financial flexibility and strategic optionality. Additionally, Alcoa continued to execute initiatives to further enhance its operations and reduce controllable costs. The Company's smelters in Canada and Norway set year-to-date production records, and the Alumar smelter established stability and increased operating capacity to approximately 72 percent. The full curtailment of the Kwinana refinery in Australia was completed in June 2024, as planned. Alumina Limited Acquisition On August 1, 2024, Alcoa completed the acquisition of all of the ordinary shares of Alumina Limited (Alumina Shares) through a wholly owned subsidiary, AAC Investments Australia 2 Pty Ltd. Alumina Limited holds a 40% ownership interest in the AWAC joint venture. Under the Scheme Implementation Deed (the Agreement) entered into in March 2024, as amended in May 2024, holders of Alumina Shares received 0.02854 Alcoa CHESS Depositary Interests (CDIs) for each Alumina Share (the Agreed Ratio), except that i) holders of Alumina Shares represented by American Depositary Shares, each of which represented 4 Alumina Shares, received 0.02854 shares of Alcoa common stock and ii) a certain shareholder received, for certain of their Alumina Shares, 0.02854 shares of Alcoa non-voting convertible preferred stock. The Alcoa CDIs are quoted on the Australian Stock Exchange under the trading symbol AAI. At closing, Alumina Shares outstanding of 2,760,056,014 and 141,625,403 were exchanged for 78,772,422 and 4,041,989 shares of Alcoa common stock and Alcoa preferred stock, respectively. Based on Alcoa's closing share price as of July 26, 2024, the Agreed Ratio implies a value of A$1.45 per Alumina Share and aggregate purchase consideration of approximately $2,800 for Alumina Limited. For Alcoa shareholders, the transaction enhances Alcoa's vertical integration along the value chain across bauxite mining, alumina refining, and aluminum smelting, increases Alcoa's economic interest in its bauxite and alumina assets, simplifies governance, and reaffirms Alcoa's commitment to Western Australia. In addition to the implied premium over prior share prices, Alumina Limited shareholders' ownership is diversified to a large-scale, global upstream aluminum portfolio. The transaction consisted in substance of the acquisition of Alumina Limited's noncontrolling interest in AWAC, the assumption of Alumina Limited's indebtedness (approximately $385 as of August 1, 2024), and the recognition of deferred tax assets (approximately $100) related to Alumina Limited's prior net operating losses. The accounting for the transaction is not yet complete and the final value of assets and liabilities acquired is subject to change. Alcoa's fees and expenses related to the transaction include financial advisor fees, filing fees, legal and accounting fees, and regulatory fees. The Company expects to incur approximately $35 of transaction costs related to the transaction. In the third quarter of 2024, Net income attributable to noncontrolling interest will be reported through July 31, 2024 and cease thereafter. Additionally, under the terms of the Agreement, Alcoa agreed to provide a shareholder loan to AWAC in place of required capital contributions by Alumina Limited if Alumina Limited's net debt position exceeded $420 prior to the acquisition closing. Alcoa was not required to and did not provide any shareholder loans to AWAC under this provision. Portfolio Actions Kwinana Refinery In June 2024, Alcoa completed the full curtailment of the Kwinana refinery, as planned, which was announced in January 2024. The Company's decision to fully curtail the refinery was made based on a variety of factors, including the refinery's age, scale, operating costs, and current bauxite grades, in addition to market conditions. Prior to the curtailment, the refinery had been operating at approximately 80 percent of its annual nameplate capacity of 2.2 million metric tons since January 2023, when the Company reduced production in response to a domestic natural gas shortage in Western Australia due to production challenges experienced by key gas suppliers. As of March 2024, the refinery had approximately 780 employees and this number will be reduced to approximately 250 in the third quarter of 2024 to manage certain processes that will continue until about the third quarter of 2025. At that time, the employee number will be further reduced to approximately 50. 28 Alumar Smelter During the second quarter of 2024, the Company resumed the controlled pace for the restart of the Alumar smelter and continued actions to improve the smelter's overall performance, after the smelter experienced operational instability in the prior quarter. The site was operating at approximately 72 percent of the site's total annual capacity of 268 kmt (Alcoa share) as of June 30, 2024. San Ciprián Operations During the second quarter of 2024, Alcoa continued its focus on improving the competitiveness of both the San Ciprián refinery and smelter, while progressing the process for the potential sale of the complex. Alcoa completed the restart of approximately 6 percent of pots at the San Ciprián smelter in the first quarter of 2024, in compliance with the February 2023 updated viability agreement. Improving the competitiveness of the complex is dependent on finding competitive energy for both the smelter and refinery. While electricity and gas prices have declined since the global energy crisis in 2022, power prices remain uneconomical due to (i) a lack of material indirect carbon dioxide cost compensation from the Spanish government; (ii) substantial transmission costs; and (iii) permitting delays and adjustments to renewable power generation projects associated with two long-term power purchase agreements with renewable energy providers that Alcoa entered into in 2022. Additionally, Alcoa initiated a process for the potential sale of the complex during the first quarter of 2024 which is expected to conclude in the second half of 2024. Any long-term solution for the complex requires the support of the government and workers' representatives. The refinery and smelter incurred substantial losses in the first half of 2024 and in prior years, which have been funded with internal credit lines that are nearing their limits and for which the operations have no ability to repay. The operations have approximately $100 of available funding with cash on hand and availability under internal credit lines. Although aluminum and alumina prices improved during the first half of 2024, the San Ciprián complex remains unviable based on current and forward market assumptions for delivered energy in Spain and sales prices. While the Company had restricted cash of $86 remaining at June 30, 2024 (see Aluminum below) to be made available for capital improvements at the site and smelter restart costs, the workers' representatives have rejected the use of this cash to fund operating losses at the smelter. Based on current economic conditions, and barring reaching an acceptable outcome on either achieving economic viability or completing a sale of the complex, the San Ciprián operations are expected to incur losses in 2024 and Alcoa anticipates that available funding will be exhausted by the end of 2024. At that point, Alcoa will not provide additional funding and difficult decisions will have to be considered regarding the future of the San Ciprián complex. Warrick Operations During the first quarter 2024, the Company completed the restart of one potline (54,000 mtpy) at its Warrick Operations site in Indiana that began in October 2023, and incurred restart expenses of $3. Other Matters In March 2024, the Company completed an offering of $750 aggregate principal amount of 7.125 percent senior notes due in 2031. This was the Company's first notes issuance under its Green Finance Framework, which prioritizes climate change mitigation expenditures related to circular or low carbon products, pollution prevention technologies, renewable energy, and water management. The Company is utilizing net proceeds from the issuance, which can be allocated to qualifying expenditures on a two-year look back and three-year look forward, to cover expenses associated with both new and existing decarbonization and water management projects, research and development, renewable energy, and the production of low carbon alumina and aluminum products. The net proceeds also support the Company's cash position and ongoing cash needs, including with respect to its previously announced portfolio actions. The Company does not expect to allocate part of the net proceeds to significant capital investments in breakthrough technologies as those are not expected to occur within the applicable time period. During the first quarter of 2024, the Company initiated and fully deployed a productivity and competitiveness program across its global operations and functions. The program is part of the Company's objective to improve overall competitiveness and profitability and includes a target to save approximately 5 percent of operating costs, exclusive of raw materials, energy and transportation costs, which are already under active management and cost control programs. Total savings are expected to approximate $100 on a run rate basis and to be achieved by the first quarter of 2025. The Company paid a quarterly cash dividend of $0.10 per share of the Company's common stock in June 2024, totaling $18. See the below sections for additional details on the above-described actions. 29 Results of Operations The discussion that follows includes a comparison of our results of operations and liquidity and capital resources for the quarterly and year-to-date periods outlined in the table below. Selected Financial Data:

	Quarter ended			Sequential	Year-to-date	Six months ended	
Statement of Operations	June 30, 2024	March 31, 2024	June 30, 2023			June 30, 2024	June 30, 2023
Sales	$ 2,906	$ 2,599	$ 5,505	$ 5,354			
Cost of goods sold (exclusive of expenses below)	2,533	2,404	4,937	4,919			
Selling, general administrative, and other expenses	69	60	129	106			
Research and development expenses	13	11	24	16			
Provision for depreciation, depletion, and amortization	163	161	324	306			
Restructuring and other charges, net	18	202	220	173			
Interest expense	40	27	67	53			
Other (income) expenses, net	(22)	59	37	60			
Total costs and expenses	2,814	2,924	5,738	5,633			
Income (loss) before income taxes	92	(325)	(233)	(279)			
Provision for (benefit from) income taxes	61	(18)	43	74			
Net income (loss)	31	(307)	(276)	(353)			
Less: Net income (loss) attributable to noncontrolling interest	11	(55)	(44)	(20)			
Net income (loss) attributable to Alcoa Corporation	$ 20	$ (252)	$ (232)	$ (333)			

	Quarter ended		Six months ended	
Selected Financial Metrics	June 30, 2024	March 31, 2024	June 30, 2024	June 30, 2023
Diluted income (loss) per share attributable to Alcoa Corporation common shareholders	$ 0.11	$ (1.41)	$ (1.29)	$ (1.87)
Third-party shipments of alumina (kmt)	2,267	2,397	4,664	4,065
Third-party shipments of aluminum (kmt)	677	634	1,311	1,223
Average realized price per metric ton of alumina	$ 399	$ 372	$ 385	$ 367
Average realized price per metric ton of aluminum	$ 2,858	$ 2,620	$ 2,743	$ 3,000
Average Alumina Price Index (API)(1)	$ 392	$ 356	$ 374	$ 351
Average London Metal Exchange (LME) 15-day lag(2)	$ 2,486	$ 2,201	$ 2,343	$ 2,331

(1)API (Alumina Price Index) is a pricing mechanism that is calculated by the Company based on the weighted average of a prior month's daily spot prices published by the following three indices: CRU Metallurgical Grade Alumina Price; Platts Metals Daily Alumina PAX Price; and FastMarkets Metal Bulletin Non-Ferrous Metals Alumina Index. (2)LME (London Metal Exchange) is a globally recognized exchange for commodity trading, including aluminum. The LME pricing component represents the underlying base metal component, based quoted prices for aluminum on the exchange. Overview Sequential period comparison Net income (loss) attributable to Alcoa Corporation was $20 in the second quarter of 2024 compared with $(252) in the first quarter of 2024. The favorable change of $272 is primarily a result of: • Higher average realized price of aluminum and alumina • Lower restructuring charges • Favorable mark-to-market results on derivative instruments • Favorable equity earnings Partially offset by: • Higher taxes on higher earnings • Unfavorable currency revaluation impacts 30 Year-to-date comparison Net income (loss) attributable to Alcoa Corporation was $(232) in the six-month period of 2024 compared with $(333) in the six-month period of 2023. The favorable change of $101 is primarily a result of: • Favorable raw material and energy costs • Lower equity losses Partially offset by: • Lower average realized price of aluminum • Unfavorable currency revaluation impacts • Decrease in value add product sales Sales Sequential period comparison Sales increased $307 primarily as a result of: • Higher average realized price of aluminum and alumina • Higher shipments of aluminum • Higher volumes and price from bauxite offtake and supply agreements Partially offset by: • Lower shipments of alumina Year-to-date comparison Sales increased

$151 primarily as a result of: •Higher shipments of aluminum and alumina •Higher average realized price of alumina •Increased offtake from an aluminum joint venture supply agreement Partially offset by: •Lower average realized price of aluminum •Lower volumes and price from bauxite offtake and supply agreements •Lower trading activities •Decrease in value add product sales Cost of goods sold Sequential period comparison Cost of goods sold as a percentage of sales decreased 5% primarily as a result of: •Higher average realized price of aluminum and alumina •Lower production costs primarily in the Aluminum segment Partially offset by: •Higher energy costs primarily due to unfavorable natural gas prices Year-to-date comparison Cost of goods sold as a percentage of sales decreased 2% primarily as a result of: •Favorable raw material costs •Higher average realized price of alumina •Lower energy costs across both segments Partially offset by: •Lower average realized price of aluminum •Decrease in value add product sales •Higher production costs primarily in the Alumina segment Selling, general administrative, and other expenses Selling, general administrative, and other expenses increased $9 in comparison to the first quarter of 2024 and increased $23 in comparison to the six-month period of 2023. Both the sequential and year-to-date increases are primarily a result of higher labor costs. 31 Provision for depreciation, depletion, and amortization Sequential period comparison Depreciation increased $2 primarily as a result of: •Higher depreciation due to the write off of assets for projects no longer being pursued Year-to-date comparison Depreciation increased $18 primarily as a result of: •Higher depreciation in Brazil and Australia for mine reclamation and bauxite residue storage asset retirement obligations Interest expense Interest expense increased $13 in comparison to the first quarter of 2024 and increased $14 in comparison to the six-month period of 2023. Both the sequential and year-to-date increases are primarily a result of additional interest on the $750 7.125% Senior Notes issued in March 2024. Other (income) expenses, net Sequential period comparison Other (income) expenses, net was $(22) in the second quarter of 2024 compared with $59 in the first quarter of 2024. The favorable change of $81 was primarily a result of: •Favorable mark-to-market results on derivative instruments due to higher power prices in the current quarter •Increase in equity income from the Ma'aden aluminum joint venture primarily due to higher aluminum prices •Lower ELYSIS capital contributions, reducing loss recognition •Decrease in equity losses from the Ma'aden bauxite and alumina joint venture primarily due to lower raw material and production costs, and higher alumina prices Partially offset by: •Unfavorable currency revaluation impacts primarily due to losses recognized in the current quarter due to the U.S. dollar strengthening against the Brazilian real, partially offset by the absence of gains recognized in the first quarter due to the U.S. dollar strengthening against the Norwegian krone Year-to-date comparison Other (income) expenses, net was $37 in the six-month period of 2024 compared with $60 in the six-month period of 2023. The favorable change of $23 was primarily a result of: •Decrease in equity losses from the Ma'aden aluminum joint venture primarily due to the absence of a charge for a utility settlement and higher shipments •Mark-to-market results on derivative instruments primarily due to higher power prices in the current year •Lower ELYSIS capital contributions, reducing loss recognition •Decrease in equity losses from the Ma'aden bauxite and alumina joint venture primarily due to higher shipments, higher alumina prices, and lower production costs Partially offset by: •Unfavorable currency revaluation impacts primarily due to the U.S. dollar strengthening against the Brazilian real in the current year, partially offset by the absence of gains recognized in the prior year due to the U.S. dollar weakening against the Brazilian real 32 Restructuring and other charges, net Sequential period comparison In the second quarter of 2024, Restructuring and other charges, net of $18 primarily related to: •$8 for the curtailment of the Kwinana refinery •$8 for Wenatchee take-or-pay energy contract In the first quarter of 2024, Restructuring and other charges, net of $202 primarily related to: •$197 for the curtailment of the Kwinana refinery •$4 for Wenatchee take-or-pay energy contract Year-to-date comparison In the six-month period of 2024, Restructuring and other charges, net of $220 primarily related to: •$205 for the curtailment of the Kwinana refinery •$12 for Wenatchee take-or-pay energy contract In the six-month period of 2023, Restructuring and other charges, net of $173 primarily related to: •$101 for the permanent closure of the previously curtailed Intalco aluminum smelter •$47 for the updated restart agreement for the San Ciprián aluminum smelter •$21 for the settlement of certain pension benefits Provision for (benefit from) income taxes Sequential period comparison The Provision for income taxes in the second quarter of 2024 was $61 on income before taxes of $92 or 66.3%. In comparison, the first quarter of 2024 Benefit from income taxes was $(18) on a loss before taxes of $(325) or 5.5%. The increase in tax expense of $79 is primarily attributable to higher income in the jurisdictions where taxes are paid. Additionally, the Company had losses in jurisdictions where it maintains a full tax valuation allowance. Year-to-date comparison The Provision for income taxes in the six-month period of 2024 was $43 on a loss before taxes of $(233) or (18.5)%. In comparison, the six-month period of 2023 Provision for income taxes was $74 on a loss before taxes of $(279) or (26.5)%. The decrease in tax expense of $31 is primarily attributable to lower income in the jurisdictions where taxes are paid. Noncontrolling interest Sequential period comparison Net income (loss) attributable to noncontrolling interest was $11 in the second quarter of 2024 compared with $(55) in the first quarter of 2024. These amounts are entirely related to Alumina Limited's 40% ownership interest in several affiliated operating entities. Alcoa will recognize Net income (loss) attributable to Noncontrolling interest through the closing of the Alumina Limited acquisition. The change is primarily a result of lower restructuring costs, favorable mark-to-market results on derivative instruments, and higher average realized price of alumina, partially offset by higher production costs and higher taxes. Year-to-date comparison Net income (loss) attributable to noncontrolling interest was $(44) in the six-month period of 2024 compared with $(20) in the six-month period of 2023. These amounts are entirely related to Alumina Limited's 40% ownership interest in several affiliated operating entities. Alcoa will recognize Net income (loss) attributable to Noncontrolling interest through the closing of Alumina Limited acquisition. The change is primarily a result of higher restructuring costs, higher elimination of intercompany profit in inventory, and higher production costs, partially offset by higher average realized price of alumina, lower raw material and energy costs, and favorable mark-to-market results on derivative instruments. 33 Segment Information Alcoa Corporation is a producer of bauxite, alumina, and aluminum products. The Company has two operating and reportable segments: (i) Alumina and (ii) Aluminum. Segment performance under Alcoa Corporation's management reporting system is evaluated based on a number of factors; however, the primary measure of performance is the Adjusted EBITDA (Earnings before interest, taxes, depreciation, and amortization) for each segment. The Company calculates Segment Adjusted EBITDA as Total sales (third-party and intersegment) minus the following items: Cost of goods sold; Selling, general administrative, and other expenses; and Research and development expenses. Alcoa Corporation's Segment Adjusted EBITDA may not be comparable to similarly titled measures of other companies. The CODM function regularly reviews the financial information, including Adjusted EBITDA, of these two operating segments to assess performance and allocate resources. Alumina Business Update. The average API of $392 per metric ton trended favorably compared to the prior quarter reflecting a 10% sequential increase. In June 2024, Alcoa completed the full curtailment of the Kwinana refinery, as planned, which was announced in January 2024. As of March 2024, the refinery had approximately 780 employees and this number will be reduced to approximately 250 in the third quarter of 2024 to manage certain processes that will continue until about the third quarter of 2025. At that time, the employee number will be further reduced to approximately 50. In addition to the employees separating as a result of the curtailment, approximately 150 employees will either terminate through the productivity program announced in the third quarter of 2023 or redeploy to other Alcoa operations. In the second quarter of 2024, Alcoa recorded restructuring charges of $8 related to the curtailment of the refinery including $6 for water management costs and $2 for contract terminations. In the first quarter of 2024, Alcoa recorded restructuring charges of $197 including $123 for water management costs, $41 for employee related costs, $15 for asset retirement obligations, $13 for take-or-pay contracts, and $5 for asset impairments. Related cash outlays of approximately $225 (which includes existing employee related liabilities and asset retirement obligations) are expected through 2025, with approximately $145 to be spent in 2024. The Company spent $22 and $24 against the reserve in the second quarter and six-month period of 2024, respectively. Capacity. The Alumina segment had a base capacity of 13,843 kmt with 3,204 kmt of curtailed refining capacity. In the second quarter of 2024, curtailed capacity increased 1,752 kmt due to the full curtailment of the Kwinana refinery (see above). Total alumina shipments include metric tons that were not produced by the Alumina segment. Such alumina was purchased to satisfy certain customer commitments. The Alumina segment bears the risk of loss of the purchased alumina until control of the product has been transferred to this segment's customers. Additionally, operating costs in the table below includes all production related costs: raw materials consumed; conversion costs, such as labor, materials, and utilities; depreciation and amortization; and plant administrative expenses.

	Quarter ended			Six months ended	
	June 30,2024	March 31,2024	June 30,2024	June 30,2023	
Bauxite production (mdmt)	9.5	10.1	19.6	19.9	
Third-party bauxite shipments (mdmt)	1.5	1.0	2.5	3.7	
Alumina production (kmt)	2,539	2,670	5,209	5,314	
Third-party alumina shipments (kmt)	2,267	2,397	4,664	4,065	
Intersegment alumina shipments (kmt)	1,025	943	1,968	1,983	
Total alumina shipments (kmt)	3,292	3,340	6,632	6,048	
Third-party bauxite sales	$ 96	$ 64	$ 160	$ 249	
Third-party alumina sales	914	897	1,811	1,502	
Total segment third-party sales	$ 1,010	$ 961	$ 1,971	$ 1,751	
Intersegment alumina sales	457	395	852	818	
Total sales	$ 1,467	$ 1,356	$ 2,823	$ 2,569	
Segment Adjusted EBITDA	$ 186	$ 139	$ 325	$ 136	
Average realized third-party price per metric ton of alumina	$ 399	$ 372	$ 385	$ 367	
Operating costs	$ 1,189	$ 1,163	$ 2,352	$ 2,176	
Average cost per metric ton of alumina shipped	$ 361	$ 348	$ 355	$ 360	$ 34

Production Sequential period comparison Alumina production decreased 5% primarily as a result of: •Full curtailment of the Kwinana refinery in June 2024 Year-to-date comparison Alumina production decreased 2% primarily as a result of: •Full curtailment of the Kwinana refinery in June 2024 •Reduced production at the Australia refineries due to lower bauxite grade Partially offset by: •Increased production at the Alumar refinery due to the absence of unplanned equipment maintenance •Increased production at the San Ciprián refinery as the refinery was operating at 50 percent capacity in the six-month period of 2024 and 30 to 50 percent capacity in the six-month period of 2023 Third-party sales Sequential period comparison Third-party sales increased $49 primarily as a result of: •Higher average realized price of $27/ton principally driven by a higher average API •Higher volumes and price from bauxite offtake and supply agreements •Increased trading activity Partially offset by: •Lower shipments of alumina primarily due to the full curtailment of the Kwinana refinery •Unfavorable currency impacts Year-to-date comparison Third-party sales increased $220 primarily as a result of: •Higher shipments of alumina primarily due to increased trading activity and sales of externally sourced alumina to satisfy certain customer commitments •Higher average realized price of $18/ton principally driven by a higher average API Partially offset by: •Lower volumes and price from bauxite offtake and supply agreements primarily caused by the shift to intrasegment sales due to higher production at the San Ciprián refinery Intersegment sales Sequential period comparison Intersegment sales increased $62 primarily as a result of: •Higher alumina shipments primarily due to the Warrick smelter restart •Higher average API on sales to the Aluminum segment Year-to-date comparison Intersegment sales increased $34 primarily as a result of: •Higher average API on sales to the Aluminum segment Partially offset by •Lower alumina shipments primarily due to lower production at the Australia refineries 35 Segment Adjusted EBITDA Sequential period comparison Segment Adjusted EBITDA increased $47 primarily as a result of: •Higher average realized price of $27/ton principally driven by a higher average API Partially offset by: •Higher production costs primarily related to seasonal maintenance and costs associated with the Kwinana curtailment •Higher energy costs primarily due to unfavorable natural gas prices Year-to-date comparison Segment Adjusted EBITDA increased $189 primarily as a result of: •Favorable raw material costs primarily on lower prices for caustic soda •Higher average realized price of $18/ton principally driven by a higher average API •Favorable currency impacts •Lower energy costs primarily due to favorable natural gas prices Partially offset by: •Higher production costs primarily related to operating certain of the Australia refineries with lower grade bauxite Forward Look. For the third quarter of 2024 in comparison to the second quarter of 2024, the Alumina segment anticipates increased production costs related to lower bauxite grades in Australia. The Company expects total 2024 alumina production and shipments to remain unchanged from the prior projection, ranging between 9.8 and 10.0 million metric tons and between 12.7 and 12.9 million metric tons, respectively. The difference between production and shipments reflects trading volumes and externally sourced alumina to fulfill customer contracts due to the curtailment of the Kwinana refinery. Aluminum Business Update. Aluminum prices increased sequentially with LME prices on a 15-day lag averaging $2,486 per metric ton in the second quarter of 2024. During the second quarter of 2024, the Company resumed the controlled pace for the restart of the Alumar smelter and continued actions to improve the smelter's overall performance, after the smelter experienced operational instability in the prior quarter. The site was operating at approximately 72 percent of the site's total annual capacity of 268 kmt (Alcoa share) as of June 30, 2024. In April 2024, the U.S. Treasury, in coordination with the United Kingdom, announced sanctions on Russian aluminum. The sanctions ban imports into the U.S. and the United Kingdom of Russian Federation origin aluminum produced on or after April 13, 2024, and restrict activity at the London Metal Exchange and the Chicago Mercantile Exchange. In March 2024, Alcoa completed the restart of approximately 54,000 mtpy of capacity at its Warrick Operations site in Indiana that began in October 2023. Alcoa incurred restart expenses of $3 during the first quarter of 2024. San Ciprián Smelter In March 2024, Alcoa completed the restart of approximately 6 percent of total pots at the San Ciprián smelter as required by the February 2023 updated viability agreement. The Company incurred restart expenses $2 during the six-month period of 2024. In connection with the December 2021 agreement and the February 2023 updated viability agreement, the Company has restricted cash of $86 remaining at June 30, 2024 to be made available for capital improvements at the site and smelter restart costs. The workers' representatives have rejected the use of this cash to fund operating losses at the smelter. Total aluminum third-party shipments include metric tons that were not produced by the Aluminum segment. Such aluminum was purchased by this segment to satisfy certain customer commitments. The Aluminum segment bears the risk of loss of the purchased aluminum until control of the product has been transferred to this segment's customer. Additionally, Total shipments includes offtake from a joint venture supply agreement. The average realized third-party price per metric ton of aluminum includes three elements: a) the underlying base metal component, based on quoted prices from the LME; b) the regional premium, which represents the incremental price over the base LME component that is associated with the physical delivery of metal to a particular region (e.g., the Midwest premium for metal sold in the United States); and c) the product premium, which represents the incremental price for receiving physical metal in a particular shape (e.g., billet, slab, rod, etc.) or alloy. 36 Operating costs includes all production related costs: raw materials consumed; conversion costs, such as labor, materials, and utilities; depreciation and amortization; and plant administrative expenses.

	Quarter ended			Six months ended	
	June 30,2024	March 31,2024	June 30,2024	June 30,2023	
Production (kmt)	543	542	1,085	1,041	
Total shipments (kmt)	677	634	1,311	1,223	
Third-party aluminum sales	$ 1,934	$ 1,661	$ 3,595	$ 3,670	
Other(1)	(39)	(23)	(62)	(72)	
Total segment third-party sales	$ 1,895	$ 1,638	$ 3,533	$ 3,598	
Intersegment sales	3	4	7	7	
Total sales	$ 1,898	$ 1,642	$ 3,540	$ 3,605	
Segment Adjusted EBITDA	$ 233	$ 50	$ 283	$ 294	
Average realized third-party price per metric ton	$ 2,858	$ 2,620	$ 2,743	$ 3,000	
Operating costs	$ 1,643	$ 1,568	$ 3,211	$ 3,281	
Average cost per metric ton of aluminum shipped	$ 2,427	$ 2,474	$ 2,450	$ 2,682	

(1)Other includes third-party sales of energy, as well as realized gains and losses related to embedded derivative instruments designated as cash flow hedges of forward sales of aluminum. Production Sequential period comparison Production was consistent with the first quarter's strong output Year-to-date comparison Production increased 4% primarily as a result of: •Warrick smelter and Alumar smelter restarts Third-party sales Sequential period comparison Third-party sales increased $257 primarily as a result of: •Higher average realized price of $238/ton driven by a higher average LME (on a 15-day lag) and higher regional premiums •Higher shipments, primarily due to the timing of shipments and restart of capacity at the Warrick smelter in the first quarter of 2024 Year-to-date comparison Third-party sales decreased $65 primarily as a result of: •Lower average realized price of $257/ton driven by lower regional premiums and the absence of gains from the Alumar smelter restart hedge program which ended in December 2023 •Lower trading activities •Decrease in value add product sales due to overall lower market demand and product premiums in Europe and North America •Unfavorable currency impacts Partially offset by: •Higher shipments, primarily due to the Alumar smelter and Warrick smelter restarts •Increased offtake from a joint venture supply agreement 37 Segment Adjusted EBITDA Sequential period comparison Segment Adjusted EBITDA increased $183 primarily as a result of: •Higher average realized price Partially offset by: •Unfavorable raw material costs primarily on higher average alumina input costs Year-to-date comparison Segment Adjusted EBITDA decreased $11 primarily as a result of: •Lower average realized price •Decrease in value add product sales Partially offset by: •Favorable raw material costs primarily on lower market prices for carbon materials •Lower energy costs, primarily in Brazil The following table provides consolidated capacity and curtailed capacity (each in kmt) for each smelter owned by Alcoa Corporation:

		June 30, 2024		March 31, 2024		June 30, 2023	
Facility	Country	Capacity(1)	Curtailed	Capacity(1)	Curtailed	Capacity(1)	Curtailed
Portland(2)	Australia	197	35	197	42	197	49
São Luís (Alumar)(3)	Brazil	268	75	268	84	268	118
Baie Comeau	Canada	324	—	324	—	314	—
Bécancour	Canada	350	—	350	—	350	—
Deschambault	Canada	287	—	—	

287 Â Â Â â€" Â Â Â 287 Â Â Â â€" Â Fjarðaál Â Â Iceland Â Â Â 351 Â Â Â â€" Â Â Â 351 Â Â Â â€" Â Â Â 351 Â Â Â â€" Â Lista Â Â Norway Â Â 95 Â Â 31 Â Â 95 Â Â 31 Â Â 95 Â Â 31 Â MosjÃ¸en Â Â Norway Â Â 200 Â Â â€" Â Â 200 Â Â â€" Â Â 200 Â Â â€" Â San CipriÃ¡n(4) Â Spain Â Â 228 Â Â 214 Â Â 228 Â Â 214 Â Â 228 Â Â 228 Â Massena West Â Â U.S. Â Â 130 Â Â â€" Â Â 130 Â Â â€" Â Â 130 Â Â â€" Â Warrick(5) Â Â U.S. Â Â 215 Â Â 54 Â Â 215 Â Â 54 Â Â 269 Â Â 162 Â Â 2,645 Â Â 409 Â Â 2,645 Â Â 425 Â Â 2,689 Â Â 588 Â (1)These figures represent Alcoa Corporation's share of the facility Nameplate Capacity based on its ownership interest in the respective smelter. (2)In the fourth quarter of 2023, the Company began the restart of 16,000 mtpy of previously curtailed capacity at the Portland smelter in Australia. The smelter had previously been operating at approximately 75 percent of the site's annual capacity of 197,000 mtpy (Alcoa share) since March 2023. (3)In 2021, the Company announced the restart of its 268,000 metric tons per year (mtpy) share of capacity at the Alumar smelter in São Luís, Brazil. Production began in the second quarter of 2022. Curtailed capacity decreased from June 30, 2023 as a result of the restart process. (4)In December 2021, the Company announced a two-year curtailment of the San CipriÃ¡n smelter's 228,000 mtpy of annual smelting capacity. In February 2023, the Company and the workers' representatives reached an updated viability agreement for the phased restart of the smelter beginning in January 2024. In the first quarter of 2024, the Company completed the restart of approximately 6% of pots, in accordance with the updated viability agreement. (5)In the first quarter of 2024, the Company completed the restart of one potline (54,000 mtpy) at its Warrick Operations site that began in October 2023. The line was curtailed in July 2022. In the fourth quarter of 2023, the Company also approved the permanent closure of 54,000 mtpy of previously curtailed capacity (which had not operated since 2016). Forward Look. For the third quarter of 2024 in comparison to the second quarter of 2024, the Aluminum segment expects lower raw material costs. The Company expects total 2024 Aluminum segment production and shipments to remain unchanged from the prior projection, ranging between 2.2 and 2.3 million metrics tons and between 2.5 and 2.6 million metric tons, respectively. Â 38 Â Reconciliations of Certain Segment Information Reconciliation of Total Segment Third-Party Sales to Consolidated Sales Â Â Quarter ended Â Â Six months ended Â Â Â June 30,2024 Â Â March 31,2024 Â Â June 30,2024 Â Â June 30,2023 Â Alumina Â $ 1,010 Â $ 961 Â $ 1,971 Â $ 1,751 Â Aluminum Â 1,895 Â Â 1,638 Â Â 3,533 Â Â 3,598 Â Total segment third-party sales Â $ 2,905 Â Â 2,599 Â $ 5,504 Â $ 5,349 Â Other Â Â 1 Â Â â€" Â Â 1 Â Â 5 Â Consolidated sales Â $ 2,906 Â $ 2,599 Â $ 5,505 Â $ 5,354 Â Reconciliation of Total Segment Operating Costs to Consolidated Cost of Goods Sold Â Â Quarter ended Â Â Six months ended Â Â Â June 30,2024 Â Â March 31,2024 Â Â June 30,2024 Â Â June 30,2023 Â Alumina Â $ 1,189 Â $ 1,163 Â $ 2,352 Â $ 2,176 Â Aluminum Â 1,643 Â Â 1,568 Â Â 3,211 Â Â 3,281 Â Other(1) Â Â 233 Â Â 198 Â Â 431 Â Â 516 Â Total segment operating costs Â 3,065 Â Â 2,929 Â Â 5,994 Â Â 5,973 Â Eliminations(2) Â (431) Â (391) Â (822) Â (847) Provision for depreciation, depletion, and amortization(3) Â (158) Â (155) Â (313) Â (295) Other(4) Â 57 Â Â 21 Â Â 78 Â Â 88 Â Consolidated cost of goods sold Â $ 2,533 Â $ 2,404 Â $ 4,937 Â $ 4,919 Â (1)Other largely relates to the Aluminum segment's energy product division and the Alumina segment's purchases of bauxite from offtake or other supply agreements that is sold to third-parties. (2)Represents the elimination of Cost of goods sold related to intersegment sales between Alumina and Aluminum. (3)Provision for depreciation, depletion, and amortization is included in the operating costs used to calculate average cost for each of the alumina and aluminum product divisions (see Alumina and Aluminum above). However, for financial reporting purposes, Provision for depreciation, depletion, and amortization is presented as a separate line item on Alcoa Corporation's Statement of Consolidated Operations. (4)Other includes costs related to Transformation, and certain other items that are not included in the operating costs of segments (see footnotes 1 and 3 in the Reconciliation of Total Segment Adjusted EBITDA to Consolidated Net Income (Loss) Attributable to Alcoa Corporation below). Reconciliation of Total Segment Adjusted EBITDA to Consolidated Net Income (Loss) Attributable to Alcoa Corporation Â Â Quarter ended Â Â Six months ended Â Â Â June 30,2024 Â Â March 31,2024 Â Â June 30,2024 Â Â June 30,2023 Â Total Segment Adjusted EBITDA Â $ 419 Â Â $ 189 Â Â $ 608 Â Â $ 430 Â Unallocated amounts: Â Â Â Â Â Â Â Â Â Transformation(1) Â (16) Â (14) Â (30) Â (25) Intersegment eliminations Â (29) Â (8) Â (37) Â (23) Â Corporate expenses(2) Â (41) Â (34) Â (75) Â (54) Provision for depreciation, depletion, and amortization Â (163) Â (161) Â (324) Â (306) Restructuring and other charges, net Â (18) Â (202) Â (220) Â (173) Interest expense Â (40) Â (27) Â (67) Â (53) Other income (expenses), net Â 22 Â Â 22 Â Â 22 Â Â 22 Â Other income (expenses), net Â 22 Â Â (59) Â (37) Â (60) Other(3) Â (42) Â (9) Â (51) Â (61) Consolidated income (loss) before income taxes Â 92 Â Â (325) Â (233) Â (279) (Provision for) benefit from income taxes Â (61) Â 18 Â Â (43) Â (74) Net (income) loss attributable to noncontrolling interest Â (11) Â 55 Â Â 44 Â Â 20 Â Consolidated net income (loss) attributable to Alcoa Corporation Â $ 20 Â $ (252) $ (232) $ (333) (1)Transformation includes, among other items, the Adjusted EBITDA of previously closed operations. (2)Corporate expenses are composed of general administrative and other expenses of operating the corporate headquarters and other global administrative facilities, as well as research and development expenses of the corporate technical center. (3)Other includes certain items that are not included in the Adjusted EBITDA of the reportable segments. Â 39 Â Environmental Matters See the Environmental Matters section of Note O to the Consolidated Financial Statements in Part I Item 1 of this Form 10-Q. Liquidity and Capital Resources Management believes that the Company's cash on hand, projected cash flows, and liquidity options, combined with its strategic actions, will be adequate to fund its short-term (at least 12 months) and long-term operating and investing needs. The Company plans to opportunistically access liquidity sources to support its cash position and ongoing cash needs. Further, the Company has flexibility related to its use of cash; other than the Alumina Limited debt assumed as of August 1, 2024, the Company has no significant debt maturities until 2027 and no significant cash contribution requirements related to its pension plan obligations. Alcoa is considering potential repayment or refinancing options for the Alumina Limited debt assumed. Although management believes that Alcoa's projected cash flows and other liquidity options will provide adequate resources to fund operating and investing needs, the Company's access to, and the availability of, financing on acceptable terms in the future will be affected by many factors, including: (i) Alcoa Corporation's credit rating; (ii) the liquidity of the overall capital markets; (iii) the current state of the economy and commodity markets, and (iv) short- and long-term debt ratings. There can be no assurances that the Company will continue to have access to capital markets on terms acceptable to Alcoa Corporation. Changes in market conditions caused by global or macroeconomic events, such as ongoing regional conflicts, high inflation, and changing global monetary policies could have adverse effects on Alcoa's ability to obtain additional financing and cost of borrowing. Inability to generate sufficient earnings could impact the Company's ability to meet the financial covenants in our outstanding debt and revolving credit facility agreements and limit our ability to access these sources of liquidity or refinance or renegotiate our outstanding debt or credit agreements on terms acceptable to the Company. Additionally, the impact on market conditions from such events could adversely affect the liquidity of Alcoa's customers, suppliers, and joint venture partners and equity method investments, which could negatively impact the collectability of outstanding receivables and our cash flows. Cash from Operations Cash provided from operations was $64 in the six-month period of 2024 compared with cash used for operations of $176 in the same period of 2023. Notable changes to sources and (uses) of cash included: •$124 favorable change in net loss, excluding the impacts from restructuring charges, primarily due to lower raw material and energy costs, partially offset by lower aluminum pricing; and, •$183 less income taxes paid on prior year earnings, as well as on lower current year earnings in the jurisdictions where taxes are paid. During 2024, AofA will continue to record its tax provision and tax liability without effect of the ATO assessment, since it expects to prevail. The tax payable will remain on AofA's balance sheet as a noncurrent liability, increased by the tax effect of subsequent periods' interest deductions, until dispute resolution. At June 30, 2024, the noncurrent liability resulting from the cumulative interest deductions was $209 (A$312). See description of the tax dispute in Note O to the Consolidated Financial Statements in Part I Item 1 of this Form 10-Q. The Company utilizes a Receivables Purchase Agreement facility to sell up to $130 of certain receivables through an SPE to a financial institution on a revolving basis. Alcoa Corporation guarantees the performance obligations of the Company subsidiaries, and unsold customer receivables are pledged as collateral to the financial institution to secure the sold receivables. At June 30, 2024, the SPE held unsold customer receivables of $239 pledged as collateral against the sold receivables. The Company continues to service the customer receivables that were transferred to the financial institution. As Alcoa collects customer payments, the SPE transfers additional receivables to the financial institution rather than remitting cash. In the six-month period of 2024, the Company sold gross customer receivables of $600 and reinvested collections of $584 from previously sold receivables, resulting in net cash proceeds from the financial institution of $16. In the six-month period of 2023, the Company sold gross customer receivables of $174 and reinvested collections of $127 from previously sold receivables, resulting in net cash proceeds from the financial institution of $47. Cash collections from previously sold receivables yet to be reinvested of $89 were included in Accounts payable, trade on the accompanying Consolidated Balance Sheet as of June 30, 2024. Cash received from sold receivables under the agreement are presented within operating activities in the Statement of Consolidated Cash Flows. See Note I to the Consolidated Financial Statements in Part I Item 1 of this Form 10-Q. Â 40 Â Financing Activities Cash provided from financing activities was $679 in the six-month period of 2024 compared with $16 in the same period of 2023. The source of cash in the six-month period of 2024 was primarily $737 net proceeds from the bond issuance (see below) and $33 of net contributions from Alumina Limited (see Noncontrolling interest above), partially offset by $37 of dividends paid and $25 of net payments on short-term borrowings (see below). Short-term Borrowings The Company has entered into inventory repurchase agreements whereby the Company sold aluminum to a third party and agreed to subsequently repurchase substantially similar inventory. The Company did not record sales upon each shipment of inventory and the net cash received of $31 related to these agreements was recorded in Short-term borrowings within Other current liabilities on the Consolidated Balance Sheet as of June 30, 2024. During the six-month period of 2024, the Company recorded borrowings of $45 and repurchased $70 of inventory related to these agreements. During the six-month period of 2023, the Company recorded borrowings of $25 and repurchased $15 of inventory related to these agreements. The cash received and subsequently paid under the inventory repurchase agreements is included in Cash provided from financing activities on the Statement of Consolidated Cash Flows. 144A Debt In March 2024, ANHBV, a wholly-owned subsidiary of Alcoa Corporation, completed a Rule 144A (U.S. Securities Act of 1933, as amended) debt issuance for $750 aggregate principal amount of 7.125% Senior Notes due 2031 (the 2031 Notes), which carry a green bond designation. The net proceeds of this issuance were $737, reflecting a discount to the initial purchasers of the 2031 Notes as well as issuance costs. See Note K to the Consolidated Financial Statements in Part I Item 1 of this Form 10-Q. Credit Facilities Revolving Credit Facility The Company has a $1,250 revolving credit and letter of credit facility in place for working capital and/or other general corporate purposes (the Revolving Credit Facility). The Revolving Credit Facility, established in September 2016, amended and restated in June 2022 and amended in January 2024, is scheduled to mature in June 2027. Subject to the terms and conditions under the Revolving Credit Facility, the Company or ANHBV, a wholly-owned subsidiary of Alcoa Corporation, may borrow funds or issue letters of credit. Under the terms of the January 2024 amendment, the Company agreed to provide collateral for its obligations under the Revolving Credit Facility. See Part II Item 8 of Alcoa Corporation's Annual Report on Form 10-K in Note M to the Consolidated Financial Statements for the year ended December 31, 2023 for more information on the Revolving Credit Facility. As of June 30, 2024, the Company was in compliance with all financial covenants. The Company may access the entire amount of commitments under the Revolving Credit Facility. There were no borrowings outstanding at June 30, 2024, and no amounts were borrowed during the six-month periods of 2024 and 2023 under the Revolving Credit Facility. Japanese Yen Revolving Credit Facility The Company entered into a $250 revolving credit facility available to be drawn in Japanese yen (the Japanese Yen Revolving Credit Facility) in April 2023. The Japanese Revolving Credit Facility was amended in January 2024 and in April 2024 (see below) and is scheduled to mature in April 2025. Subject to the terms and conditions under the facility, the Company or ANHBV may borrow funds. The facility includes covenants that are substantially the same as those included in the Revolving Credit Facility. Under the current terms of the January 2024 amendment, the Company agreed to provide collateral for its obligations under the Japanese Yen Revolving Credit Facility. See Part II Item 8 of Alcoa Corporation's Annual Report on Form 10-K in Note M to the Consolidated Financial Statements for the year ended December 31, 2023 for more information on the Japanese Yen Revolving Credit Facility. As of June 30, 2024, the Company was in compliance with all financial covenants. The Company may access the entire amount of commitments under the Japanese Revolving Credit Facility. There were no borrowings outstanding at June 30, 2024. During the six-month period of 2024, $201 (29,686 JPY) was borrowed and $196 (29,686 JPY) was repaid. No amounts were borrowed during the six-month period of 2023 under the Japanese Yen Revolving Credit Facility. On April 26, 2024, the Company entered into an amendment extending the maturity of the Japanese Yen Revolving Credit Facility to April 2025. Â 41 Â Alumina Limited Revolving Credit Facility In connection with the acquisition of Alumina Limited, the Company assumed approximately $385 of indebtedness as of August 1, 2024, representing the amount drawn on Alumina Limited's revolving credit facility. Alumina Limited has a $500 revolving credit facility with tranches maturing in October 2025 ($100), January 2026 ($150), July 2026 ($150), and June 2027 ($100). Alumina Limited's facility contains a financial covenant limiting the incurrence of indebtedness. As of June 30, 2024, Alumina Limited was in compliance with such covenant and could access the remaining commitments under the facility. Alumina Limited's revolving credit facility also contains a clause that allows a majority of lenders, upon a change of control, to issue a notice to Alumina Limited requiring repayment within 90 business days of issuing the notice (the 90-day Notice). Alcoa has engaged with the facility lenders and the lenders have indicated their intention to delay issuing the 90-day Notice until at least December 1, 2024, providing additional time for Alcoa to consider potential repayment or refinancing options subsequent to the acquisition of Alumina Limited. Dividend On July 31, 2024, the Board of Directors declared a quarterly cash dividend of $0.10 per share of the Company's common stock and Series A convertible preferred stock, to be paid on August 29, 2024 to stockholders of record as of the close of business on August 12, 2024. Dividends on Alcoa's common and preferred shares are paid in U.S. dollars. Dividends on CDIs paid in a currency other than U.S. dollar will be determined using foreign currency exchange rates as of August 22, 2024. On May 9, 2024, the Board of Directors declared a quarterly cash dividend of $0.10 per share of the Company's common stock to stockholders of record as of the close of business on May 21, 2024. In June 2024, the Company paid cash dividends of $18. Ratings Alcoa Corporation's cost of borrowing and ability to access the capital markets are affected not only by market conditions but also by the short- and long-term debt ratings assigned to Alcoa Corporation's debt by the major credit rating agencies. On March 6, 2024, Moody's Investor Service downgraded the rating of ANHBV's long-term debt from Baa3 to Ba1 and revised the outlook from negative to stable. On March 4, 2024, Fitch Ratings downgraded the rating for Alcoa Corporation and ANHBV's long-term debt from BBB- to BB+ and revised the outlook from negative to stable. On March 4, 2024, Standard and Poor's Global Ratings downgraded the rating of Alcoa Corporation's long-term debt from BB+ to BB and revised the outlook from positive to stable. Ratings are not a recommendation to buy or hold any of our securities and they may be revised or revoked at any time at the sole discretion of the rating organization. Investing Activities Cash used for investing activities was $281 in the six-month period of 2024 compared with $222 for the same period of 2023. In the six-month period of 2024, the use of cash was primarily attributable to $265 related to capital expenditures and $17 of cash contributions to the ELYSIS partnership. In the six-month period of 2023, the use of cash was primarily attributable to $198 related to capital expenditures and $36 of cash contributions to the ELYSIS partnership. Recently Adopted and Recently Issued Accounting Guidance See Note B to the Consolidated Financial Statements in Part I Item 1 of this Form 10-Q. Dissemination of Company Information Alcoa Corporation intends to make future announcements regarding company developments and financial performance through its website, http://www.alcoa.com, as well as through press releases, filings with the Securities and Exchange Commission, conference calls, and webcasts. Â 42 Â Item 3. Quantitative and Qualitative Disclosures About Market Risk. See Part II Item 7A Quantitative and Qualitative Disclosures About Market Risk of Alcoa Corporation's Annual Report on Form 10-K for the year ended December 31, 2023. Our exposure to market risk has not changed materially since December 31, 2023. Refer to Part I Item 1 of this Form 10-Q in Note M to the Consolidated Financial Statements under caption Derivatives for additional information. Item 4. Controls and Procedures. (a) Evaluation of Disclosure Controls and Procedures Alcoa Corporation's Chief Executive Officer and Chief Financial Officer have evaluated the Company's disclosure controls and procedures, as defined in Rules 13a-15(e) and 15d-15(e) of the U.S. Securities Exchange Act of 1934, as amended, as of the end of the period covered by this report, and they have concluded that these controls and procedures were effective as of June 30, 2024. (b) Changes in Internal Control over Financial Reporting There have been no changes in internal control over financial reporting during the second quarter of 2024, that have materially affected, or are reasonably likely to materially affect, the Company's internal control over financial reporting. PART II â€" OTHER INFORMATION Item 1. Legal Proceedings. In the ordinary course of its business, Alcoa is involved in a number of lawsuits and claims, both actual and potential. Various lawsuits, claims, and proceedings have been or may be instituted or asserted against Alcoa Corporation, including those pertaining to environmental, safety and health, commercial, tax, product liability, intellectual property infringement, governance, employment, employee and retiree benefit matters, and other actions and claims arising out of the normal course of business. While the amounts claimed in these other matters may be substantial, the ultimate liability is not readily determinable because of the considerable uncertainties that exist. Accordingly, it is possible that the Company's liquidity or results of

operations in a particular period could be materially affected by one or more of these other matters. However, based on facts currently available, management believes that the disposition of these other matters that are pending or asserted will not have a material adverse effect, individually or in the aggregate, on the financial position of the Company. A discussion of our material pending lawsuits and claims can be found in Part I Item 3 Legal Proceedings of Alcoa Corporation's Annual Report on Form 10-K for the fiscal year ended December 31, 2023. St. Croix Proceedings"Prior to 2012, Alcoa Inc., the Company's former parent company, was served with two multi-plaintiff actions alleging personal injury or property damage from Hurricane Georges or winds blowing material from the Company's former St. Croix alumina facility. These actions were subsequently consolidated into the Red Dust Claims docket in 2017. In March 2022, the Superior Court of the Virgin Islands issued an amended case management order dividing complaints filed in the Red Dust docket into groups of 50 complaints, designated Groups A through I. The parties selected 10 complaints from Group A to proceed to trial as the Group A lead cases. In May 2024, the Court issued an amended case management order with regard to the Group A lead cases scheduling trials to begin in November 2024. Trials with regard to the Group A lead cases will continue through July 2025. The Court further ordered the parties to participate in mediation on or before August 31, 2024. See "St. Croix Proceedings" under Part I Item 1 of this Form 10-Q in Note O to the Consolidated Financial Statements and "St. Croix Proceedings - Abednego and Abraham cases" under Part I Item 3 Legal Proceedings of Alcoa Corporation's Annual Report on Form 10-K for the fiscal year ended December 31, 2023 for additional information regarding this legal proceeding. Environmental Matters SEC regulations require disclosure of certain environmental matters when a governmental authority is a party to the proceedings and such proceedings involve potential monetary sanctions that Alcoa Corporation reasonably believes will exceed a specified threshold. Pursuant to these regulations, the Company uses a threshold of $1 for purposes of determining whether disclosure of any such proceedings is required. Intalco (Washington) Notice of Violation"In May 2022, the Company received a Notice of Violation (NOV) from the U.S. Environmental Protection Agency (the EPA). The NOV alleges violations under the Clean Air Act at the Company's Intalco smelter from when the smelter was operational. The EPA referred the matter to the U.S. Department of Justice, Environment and Natural Resources Division (the DOJ) in May 2022. The DOJ and the Company agreed to a stipulated settlement, which was filed with the United States District Court for the Western District of Washington at Seattle on July 18, 2024, requiring the Company to pay a civil fine of $5. 43 Item 1A. Risk Factors. We face a number of risks that could materially and adversely affect our business, results of operations, cash flow, liquidity, or financial condition. A full discussion of our risk factors can be found in Part I Item 1A. Risk Factors of Alcoa Corporation's Annual Report on Form 10-K for the fiscal year ended December 31, 2023. The information below includes additional risks relating to the completion of the Alumina Limited acquisition. The issuance of shares of Alcoa common stock dilutes the ownership position of the Company's existing stockholders and the price of Alcoa common stock may be affected. The Alumina Limited shareholders now beneficially own approximately 31.5% of the fully diluted shares of Alcoa common stock (including the shares of Alcoa common stock issuable upon conversion of the shares of non-voting convertible preferred stock). Consequently, the Company's existing stockholders own a smaller proportion of Alcoa common stock and of the Company's voting power than the proportion of Alcoa common stock and of the Company's voting power owned before the completion of the Alumina Limited acquisition and, as a result, have less influence on the Company's management and policies. The issuance of the new shares of Alcoa common stock could have the effect of depressing the market price for Alcoa common stock. In addition, Alumina Limited shareholders may decide not to hold and instead to sell the new shares of Alcoa common stock or CDIs received, which could have the effect of depressing the market price for Alcoa common stock. The price of Alcoa common stock and CDIs may fluctuate significantly in the days following the completion of the acquisition, including as a result of factors over which the Company has no control. The secondary listing of the Alcoa common stock on the ASX via CDIs could lead to price variations and other impacts on the price of Alcoa common stock. Alcoa common stock is listed as CDIs on the ASX in addition to Alcoa Corporation's existing primary listing on the New York Stock Exchange (NYSE). Dual listing may result in price variations between Alcoa Corporation's securities listed on the different exchanges due to a number of factors, including that Alcoa common stock listed on the NYSE is traded in U.S. dollars and CDIs listed on the ASX are traded in Australian dollars, inherently introducing exchange rate volatility, and differences between the trading schedules and time zones of the two exchanges, among other factors. A decrease in the price of Alcoa Corporation's securities in one market may result in a decrease in the price of Alcoa Corporation's securities in the other market. Dual listing also presents the Company with the opportunity to raise additional funds through the issuance of CDIs, which could cause dilution to stockholders. Alcoa Corporation's exposure to fluctuations in foreign currency exchange rates has increased. Alcoa Corporation has been subject to foreign currency exchange risk because it conducts business operations in several foreign countries, including Australia, through its foreign subsidiaries or affiliates, which conduct business in their respective local currencies. As the Alumina Limited acquisition is completed, Alcoa Corporation's international operations account for a more significant portion of Alcoa Corporation's overall operations than previously and Alcoa Corporation's exposure to fluctuations in foreign currency exchange rates has increased. The integration of Alumina Limited will subject Alcoa Corporation to liabilities that exist or may exist at Alumina Limited. The integration of Alumina Limited with Alcoa Corporation may pose special risks, including write-offs and unanticipated costs or charges, and will subject Alcoa Corporation to liabilities that exist or may exist at Alumina Limited, including liabilities relating to Alumina Limited's revolving credit facility and potential tax liabilities. Although Alcoa Corporation and its advisers conducted due diligence on the operations of Alumina Limited, there can be no guarantee that Alcoa Corporation is aware of all liabilities of Alumina Limited. These liabilities, and any additional risks and uncertainties related to the transaction not currently known to Alcoa Corporation or that Alcoa Corporation may currently deem immaterial or unlikely to occur, could negatively impact Alcoa Corporation's business, financial condition, and results of operations. 44 Item 2. Unregistered Sales of Equity Securities and Use of Proceeds. Issuer Purchases of Equity Securities The table below sets forth information regarding the repurchase of shares of our common stock during the periods indicated.

Period	Total Number of Shares Purchased	Weighted Average Price Paid Per Share	Total Number of Shares Purchased as Part of Publicly Announced Program	Approximate Dollar Value of Shares that May Yet be Purchased Under the Program(1)
April 1 to April 30	—	—	—	$ 500,000,000
May 1 to May 31	—	—	—	500,000,000
June 1 to June 30	—	—	—	500,000,000
Total	—	—	—	—

(1)On July 20, 2022, Alcoa Corporation announced that its Board of Directors approved a common stock repurchase program under which the Company may purchase shares of its outstanding common stock up to an aggregate transactional value of $500, depending on the Company's continuing analysis of market, financial, and other factors (the July 2022 authorization). As of the date of this report, the Company is currently authorized to repurchase up to a total of $500, in the aggregate, of its outstanding shares of common stock under the July 2022 authorization. Repurchases under this program may be made using a variety of methods, which may include open market purchases, privately negotiated transactions, or pursuant to a Rule 10b5-1 plan. This program may be suspended or discontinued at any time and does not have a predetermined expiration date. Alcoa Corporation intends to retire repurchased shares of common stock. Item 5. Other Information. Trading Arrangements None of the Company's directors or officers," as defined in Rule 16a-1(f) of the Exchange Act, adopted, modified, or terminated a "Rule 10b5-1 trading arrangement" or a "non-Rule 10b5-1 trading arrangement," as each term is defined in Item 408 of Regulation S-K, during the Company's fiscal quarter ended June 30, 2024. 45 Item 6. Exhibits. 2.1 Deed of Amendment and Restatement of the Scheme Implementation Deed, dated as of May 20, 2024, by and among Alcoa Corporation, AAC Investments Australia 2 Pty Ltd and Alumina Limited (incorporated by reference to Exhibit 2.1 to the Company's Current Report on Form 8-K filed May 20, 2024 (File No. 1-37816)) 3.1 Certificate of Designation (incorporated by reference to Exhibit 3.1 to the Company's Current Report on Form 8-K filed August 1, 2024 (File No. 1-37816)) 3.2 Amended and Restated Bylaws of Alcoa Corporation, as adopted on July 31, 2024 (incorporated by reference to Exhibit 3.2 to the Company's Form 8-K filed August 1, 2024 (File No. 1-37816)) 10.1 Alcoa Corporate Non-Employee Director Compensation Policy, effective August 1, 2024 (filed herewith)* 10.2 Terms and Conditions for Deferred Fee Restricted Share Units Director Awards, effective August 1, 2024 (filed herewith)* 10.3 Terms and Conditions for Restricted Share Units Annual Director Awards, effective August 1, 2024 (filed herewith)* 10.4 Alcoa Corporation 2016 Deferred Fee Plan for Directors, effective December 2016, as amended and restated on December 5, 2018, effective August 1, 2024 (filed herewith)* 31.1 Certification of Principal Executive Officer required by Rule 13a-14(a) or 15d-14(a) (filed herewith) 31.2 Certification of Principal Financial Officer required by Rule 13a-14(a) or 15d-14(a) (filed herewith) 32.1 Certification of Principal Executive Officer required by Rule 13a-14(b) or Rule 15d-14(b) and Section 1350 of Chapter 63 of Title 18 of the United States Code (furnished herewith) 32.2 Certification of Principal Financial Officer required by Rule 13a-14(b) or Rule 15d-14(b) and Section 1350 of Chapter 63 of Title 18 of the United States Code (furnished herewith) 101.INS Inline XBRL Instance Document " the instance document does not appear in the Interactive Data File because its XBRL tags are embedded within the Inline XBRL document 101.SCH Inline XBRL Taxonomy Extension Schema with Embedded Linkbases Document 104 Cover Page Interactive Data File (formatted as Inline XBRL and contained in Exhibit 101) * Denotes management contracts or compensatory plans or arrangements required to be filed as Exhibits to this Form 10-Q. Certain schedules exhibits, and appendices have been omitted in accordance with to Item 601(a)(5) of Regulation S-K. The Company hereby undertakes to furnish copies of any omitted schedule, exhibit, or appendix to the Commission upon request. 46 SIGNATURES Pursuant to the requirements of the Securities Exchange Act of 1934, the Registrant has duly caused this report to be signed on its behalf by the undersigned thereunto duly authorized.   Alcoa Corporation   August 2, 2024   /s/ Molly S. Beerman Date   Molly S. Beerman   Executive Vice President and Chief Financial Officer   (Principal Financial Officer)   August 2, 2024   /s/ Renee R. Henry Date   Renee R. Henry   Senior Vice President and Controller   (Principal Accounting Officer) 47 EX-10.1 2 aa-ex10_1.htm EX-10.1 EX-10.1 EXHIBIT 10.1 ALCOA CORPORATION NON-EMPLOYEE DIRECTOR Compensation Policy Effective August 1, 2024 1.General. This Non-Employee Director Compensation Policy (the "Policy), sets forth the cash and equity-based compensation that has been approved by the Board of Directors (the "Board) of Alcoa Corporation, a Delaware corporation (the "Company), as payable to eligible non-employee members of the Board ("Non-Employee Directors). The cash and equity-based compensation described in this Policy shall be paid or be made, as applicable, automatically and without further action of the Board, to each Non-Employee Director who may be eligible to receive such compensation. This Policy shall remain in effect until it is revised or rescinded by further action of the Board. 2.Cash Compensation. (a) Annual Retainers. Each Non-Employee Director shall be eligible to receive an annual cash retainer of $130,000 for service on the Board. In addition, a Non-Employee Director shall receive the following additional annual retainers, as applicable: Non-Employee Director Position Additional Annual Cash Retainer Fee Non-Executive Chairman Fee $175,000 Audit Committee Chair Fee (includes Audit Committee Member Fee) $27,500 Audit Committee Member Fee $11,000 Compensation and Benefits Committee Chair Fee $20,000 Governance and Nominating Committee Chair Fee $20,000 Other Committee Chair Fee $16,500 (b) Payment of Retainers. The annual retainers described in Section 2(a) shall be earned on a quarterly basis based on a calendar quarter and shall be paid by the Company in arrears not later than the third business day following the end of each calendar quarter (if not deferred by the Non-Employee Director in accordance with subsection (c) hereof). In the event a Non-Employee Director does not serve as a Non-Employee Director, or in the applicable positions described in Section 2(a), for an entire calendar quarter, the retainer paid to such Non-Employee Director shall be prorated for the portion of such calendar quarter actually served as a Non-Employee Director, or in such positions, as applicable. (c) Deferral of Retainers. Non-Employee Directors may elect to defer payment of all or a portion of the annual retainers described in Section 2(a) into specified investment funds and/or into vested restricted share units for shares of the Company's common stock, which deferral will be made pursuant to the terms of the Company's 2016 Deferred Fee Plan for Directors, as may be amended from time to time, or its successor plan (the "Deferred Fee Plan). Unless otherwise determined by the Board, any restricted share units will be granted under the Alcoa Corporation 2016 Stock Incentive Plan or its successor plan (the "Equity Plan), on the date on which such retainer(s) would otherwise have been paid in cash. 3.Equity Compensation. Non-Employee Directors shall be granted the equity awards described below. The awards described below in paragraphs 3(a) and 3(b) shall be granted under and shall be subject to the terms and provisions of the Equity Plan and shall be granted subject to an award agreement in substantially the same form approved by the Board on or prior to the grant date, setting forth the terms of the award, consistent with the Equity Plan. For purposes of this Section 3, the number of shares subject to any restricted share unit award will be determined by dividing the grant date dollar value specified under subsection (a) or (b) hereof by the Fair Market Value (as defined in the Equity Plan) of a share of the Company's common stock on the grant date. (a) Annual Equity Award. A person who is a Non-Employee Director immediately following each annual meeting of the Company's stockholders and who will continue to serve as a Non-Employee Director following such annual meeting shall be automatically granted, on the second market trading day following the date of each such annual meeting, a restricted share unit award with a grant date value equal to $160,000 (the "Annual Equity Award). The Annual Equity Award shall vest on the earlier of the first anniversary date of the grant date or the date of the Company's next subsequent annual meeting of stockholders following the grant date. (b) Pro-Rated Annual Equity Award. On the tenth calendar day following the effective date of a person's commencement of service as a Non-Employee Director (or, if such date is not a market trading day, the first market trading day thereafter), and provided such person has not otherwise received an Annual Equity Award for the relevant year under Section 3(a), the Non-Employee Director shall be automatically granted a restricted share unit award with a grant date value equal to $160,000 multiplied by a fraction, the numerator of which is 365 less the number of days that have elapsed from the date of the Company's last annual meeting of stockholders to the Non-Employee Director's effective date of commencement of service, and the denominator of which is 365 (the "Pro-Rated Award). The Pro-Rated Award shall vest on the date of the Company's next subsequent annual meeting of stockholders following the date of the Non-Employee Director's commencement of service with the Board. (c) Deferral of Equity Award. Payment of the Annual Equity Award or any Pro-Rated Award will be deferred until the Non-Employee Director's separation from service, in accordance with the terms of the Deferred Fee Plan, unless otherwise required by applicable laws. 4.Stock Ownership Guideline. Non-Employee Directors are required to attain ownership of at least $750,000 in the Company's common stock and maintain such ownership until retirement from the Board. 5.Policy Subject to Amendment, Modification and Termination. This Policy may be amended, modified or terminated by the Board in the future at its sole discretion, provided that no such action that would materially and adversely impact the rights with respect to annual retainers payable in the fiscal quarter during which a Non-Employee Director is then performing services shall be effective without the consent of the affected Non-Employee Director. - 2 - EX-10.2 3 aa-ex10_2.htm EX-10.2 EX-10.2 EXHIBIT 10.2 ALCOA CORPORATION TERMS AND CONDITIONS FOR DEFERRED FEE RESTRICTED SHARE UNITS DIRECTOR AWARDS These terms and conditions, including Appendices A and B attached hereto, (jointly, the "Award Terms) are authorized by the Board of Directors as of August 1, 2024. They are deemed to be incorporated into and form a part of every Award of Restricted Share Units issued to a Director in lieu of Fees (as defined in the Alcoa Corporation 2016 Deferred Fee Plan for Directors) under the Alcoa Corporation 2016 Stock Incentive Plan, as may be amended from time to time (the "Plan). Terms that are defined in the Plan have the same meanings in the Award Terms. General Terms and Conditions 1.This Award of Restricted Share Units is granted in lieu of Fees pursuant to the Participant's election under the Alcoa Corporation 2016 Deferred Fee Plan for Directors, as may be amended from time to time (the "Deferred Fee Plan). In accordance with the Deferred Fee Plan, the number of Shares subject to this Award has been determined by dividing the dollar amount of the Fees subject to the Director's election by the fair market value of a Share on the date(s) that such Fees (or any installment thereof) would otherwise have been paid in cash to the Participant, rounded down to the nearest number of whole Shares; any remaining amount representing the value of a fractional Share will be paid in cash to the Participant as soon as practicable following the grant date of this Award, but in any event by no later than March 15th of the year following the year in which the relevant Fees were earned. Restricted Share Units are subject to the provisions of the Plan and the provisions of the Award Terms. If the Plan and the Award Terms are inconsistent, the provisions of the Plan will govern. Interpretations of the Plan and the Award Terms by the Board are binding on the Participant and the Company. A Restricted Share Unit is an undertaking by the Company to issue the number of Shares indicated in the Participant's account with the Company's designated stock plan broker or service provider (the "Broker), subject to the fulfillment of certain conditions, except to the extent otherwise provided in the Plan or herein. A Participant has no voting rights or rights to receive dividends on Restricted Share Units, but the Board of Directors may authorize that dividend equivalents be accrued on Restricted Share Units. Any dividend equivalents on Restricted Share Units will be paid in the same manner and at the same time as the Restricted Share Units to which they relate, as set forth in paragraph 3 below. Vesting and Payment 2.Vesting. A Restricted Share Unit granted in lieu of Fees pursuant to the Participant's election under the Deferred Fee Plan (a "Deferred Fee RSU Award" as defined in the Deferred Fee Plan) is 100% vested on the grant date. 3.Payment. A Participant will receive one Share upon payment of each Restricted Share Unit. Payment of Restricted Share Units is governed by the Deferred Fee Plan. Except as otherwise set forth in the Deferred Fee Plan, payment of Restricted Share Units will occur upon the earlier of the Participant's "separation from service" (as defined in Section 409A of the Code and the Treasury Regulations thereunder) and the Participant's

death, within the payment periods specified in the Deferred Fee Plan. In accordance with the deferral election provisions of the Deferred Fee Plan, the Participant may elect to receive payment of his or her Restricted Share Units in either a single lump sum or in ten (10) annual installments, except as otherwise required or recommended due to applicable local law or set forth in the Deferred Fee Plan. In the absence of such election by the Participant, a Restricted Share Unit will be paid in a single lump sum. Taxes 4.The Participant acknowledges that the Participant will consult with his or her personal tax advisor regarding any income tax, social security contributions or other tax-related items ("Taxes") that arise in connection with the Restricted Share Units. The Participant is relying solely on such advisor and is not relying in any part on any statement or representation of the Company or any of its agents. The Company shall not be responsible for withholding any applicable Taxes, unless required by applicable law. The Company may take such action as it 1Â Â deems appropriate to ensure that all Taxes, which are the Participant's sole and absolute responsibility, are withheld or collected from the Participant, if and to the extent required by applicable law. In this regard, the Company will have the power and the right to require the Participant to remit to the Company, the amount necessary to satisfy federal, state and local taxes, U.S. or non-U.S., required by law or regulation to be withheld with respect to any taxable event arising as a result of the Restricted Share Units. Notwithstanding the foregoing, unless otherwise determined by the Board, any obligation to withhold Taxes will be met by the Company by withholding from the Shares to be issued upon payment of the Restricted Share Unit that number of Shares with a fair market value on the payment date equal to the Taxes required to be withheld at the minimum required rates or, to the extent permitted under applicable accounting principles, at up to the maximum individual tax rate for the applicable tax jurisdiction. Beneficiaries 5.If permitted by the Company, the Participant will be entitled to designate one or more beneficiaries to receive all Restricted Share Units at the time of death of the Participant. All beneficiary designations will be on beneficiary designation forms approved for the Plan. Copies of the form will generally be available from the Broker or may otherwise be obtained from the Company. 6.Beneficiary designations on an approved form will be effective at the time received by the Company, including, as applicable, through submission to the Broker. A Participant may revoke a beneficiary designation at any time by written notice to the Company, including as applicable, through submission to the Broker, or by filing a new designation form. Any designation form previously filed by a Participant will be automatically revoked and superseded by a later-filed form. 7.A Participant will be entitled to designate any number of beneficiaries on the form, and the beneficiaries may be natural or corporate persons. 8.The failure of any Participant to obtain any recommended signature on the form will not prohibit the Company from treating such designation as valid and effective. No beneficiary will acquire any beneficial or other interest in any Restricted Share Unit prior to the death of the Participant who designated such beneficiary. 9.Unless the Participant indicates on the form that a named beneficiary is to receive Restricted Share Units only upon the prior death of another named beneficiary, all beneficiaries designated on the form will be entitled to share equally in the Restricted Share Units. Unless otherwise indicated, all such beneficiaries will have an equal, undivided interest in all such Restricted Share Units. 10.Should a beneficiary die after the Participant but before the Restricted Share Unit is paid, such beneficiary's rights and interest in the Award will be transferable by the beneficiary's last will and testament or by the laws of descent and distribution. A named beneficiary who predeceases the Participant will obtain no rights or interest in a Restricted Share Unit, nor will any person claiming on behalf of such individual. Unless otherwise specifically indicated by the Participant on the beneficiary designation form, beneficiaries designated by class (such as "children," "grandchildren" etc.) will be deemed to refer to the members of the class living at the time of the Participant's death, and all members of the class will be deemed to take "per capita." 11.If a Participant does not designate a beneficiary or if the Company does not permit a beneficiary designation, the Restricted Share Units that have not been paid at the time of death of the Participant will be paid to the Participant's legal heirs pursuant to the Participant's last will and testament or by the laws of descent and distribution. Adjustments 12.In the event of an Equity Restructuring, the Board will equitably adjust the Restricted Share Unit as it deems appropriate to reflect the Equity Restructuring, which may include (i) adjusting the number and type of securities subject to the Restricted Share Unit; and (ii) adjusting the terms and conditions of the Restricted Share Unit. The adjustments provided under this paragraph 12 will be nondiscretionary and final and binding on all interested parties, including the affected Participant and the Company; provided that the Board will determine whether an adjustment is equitable. 2Â Â Miscellaneous Provisions 13.Stock Exchange Requirements; Applicable Laws. Notwithstanding anything to the contrary in the Award Terms, no Shares issuable upon payment of the Restricted Share Units, and no certificate representing all or any part of such Shares, shall be issued or delivered if, in the opinion of counsel to the Company, such issuance or delivery would cause the Company to be in violation of, or to incur liability under, any securities law, or any rule, regulation or procedure of any U.S. national securities exchange upon which any securities of the Company are listed, or any listing agreement with any such securities exchange, or any other requirement of law or of any administrative or regulatory body having jurisdiction over the Company or a Subsidiary. 14.Stockholder Rights. No person or entity shall be entitled to vote, receive dividends or be deemed for any purpose the holder of any Shares until the Restricted Share Unit shall have vested and been paid in the form of Shares in accordance with the provisions of the Award Terms. 15.Notices. Any notice required or permitted under the Award Terms shall be in writing and shall be deemed sufficient when delivered personally or sent by confirmed email, telegram, or fax or five days after being deposited in the mail, as certified or registered mail, with postage prepaid, and addressed to the Company at the Company's principal corporate offices or to the Participant at the address maintained for the Participant in the Company's records or, in either case, as subsequently modified by written notice to the other party. 16.Severability and Judicial Modification. If any provision of the Award Terms is held to be invalid or unenforceable under the applicable laws of any country, state, province, territory or other political subdivision or the Company elects not to enforce such restriction, the remaining provisions shall remain in full force and effect and the invalid or unenforceable provision shall be modified only to the extent necessary to render that provision valid and enforceable to the fullest extent permitted by law. If the invalid or unenforceable provision cannot be, or is not, modified, that provision shall be severed from the Award Terms and all other provisions shall remain valid and enforceable. 17.Successors. The Award Terms shall be binding upon and inure to the benefit of the Company and its successors and assigns, on the one hand, and the Participant and his or her heirs, beneficiaries, legatees and personal representatives, on the other hand. 18.Appendices. Notwithstanding any provisions in the Award Terms, for Participants residing and/or providing services outside the United States, the Restricted Share Unit will be subject to the additional terms and conditions set forth in Appendix A to the Award Terms and to any special terms and conditions for the Participant's country set forth in Appendix B to the Award Terms. Moreover, if the Participant relocates outside the United States or relocates between the countries included in Appendix B, subject to compliance with Section 409A of the Code, the additional terms and conditions set forth in Appendix A and the special terms and conditions for such country set forth in Appendix B will apply to the Participant, to the extent the Company determines that the application of such terms and conditions is necessary or advisable for legal or administrative reasons. The Appendices constitute part of the Award Terms. 19.Imposition of Other Requirements. The Company reserves the right to impose other requirements on the Participant's participation in the Plan, on the Restricted Share Unit and on any Shares acquired under the Plan, to the extent the Company determines it is necessary or advisable for legal or administrative reasons, and to require the Participant to sign any additional agreements or undertakings that may be necessary to accomplish the foregoing. 20.Compliance with Code Section 409A. It is intended that the Restricted Share Unit granted pursuant to the Award Terms be compliant with Section 409A of the Code and the Award Terms shall be interpreted, construed and operated to reflect this intent. Notwithstanding the foregoing, the Award Terms and the Plan may be amended at any time, without the consent of any party, to the extent necessary or desirable to satisfy any of the requirements under Section 409A of the Code, but the Company shall not be under any obligation to make any such amendment. Further, the Company and its Subsidiaries do not make any representation to the Participant that the Restricted Share Unit granted pursuant to the Award Terms satisfies the requirements of Section 409A of the Code, and the Company and its Subsidiaries will have no liability or other obligation to indemnify or hold harmless the Participant or any other party for any tax, additional tax, interest or penalties that the Participant or any other party may incur in the 3Â Â event that any provision of the Award Terms or any amendment or modification thereof or any other action taken with respect thereto, is deemed to violate any of the requirements of Section 409A of the Code. 21.Waiver. A waiver by the Company of breach of any provision of the Award Terms shall not operate or be construed as a waiver of any other provision of the Award Terms, or of any subsequent breach by the Participant or any other Participant. 22.No Advice Regarding Award. The Company is not providing any tax, legal or financial advice, nor is the Company making any recommendations regarding the Participant's participation in the Plan, or the Participant's acquisition or sale of the underlying Shares. The Participant is hereby advised to consult with the Participant's own personal tax, legal and financial advisors regarding the Participant's participation in the Plan before taking any action related to the Plan. 23.Governing Law and Venue. As stated in the Plan, the Restricted Share Unit and the provisions of the Award Terms and all determinations made and actions taken thereunder, to the extent not otherwise governed by the laws of the United States, shall be governed by the laws of the State of Delaware, United States of America, without reference to principles of conflict of laws, and construed accordingly. The jurisdiction and venue for any disputes arising under, or any actions brought to enforce (or otherwise relating to), the Restricted Share Unit will be exclusively in the courts in the State of Delaware, including the Federal Courts located therein (should Federal jurisdiction exist). 24. Electronic Delivery and Acceptance. The Company may, in its sole discretion, decide to deliver any documents related to current or future participation in the Plan by electronic means. The Participant hereby consents to receive such documents by electronic delivery and agrees to participate in the Plan through an on-line or electronic system established and maintained by the Company or a third party designated by the Company. 25.Entire Agreement. The Award Terms and the Plan embody the entire understanding and agreement of the parties with respect to the subject matter hereof, and no promise, condition, representation or warranty, express or implied, not stated or incorporated by reference herein, shall bind either party hereto. Acceptance of Award 26.In accordance with Section 15(c) of the Plan (as in effect at the grant date), the Participant may reject the Restricted Share Unit by notifying the Company within 30 days of the grant date that he or she does not accept the Restricted Share Unit. The Participant's acceptance of the Restricted Share Unit constitutes the Participant's acceptance of and agreement with the Award Terms. Notwithstanding the foregoing, if required by the Company, the Participant will provide a signed copy of the Award Terms in such manner and within such timeframe as may be requested by the Company. The Company has no obligation to issue Shares to the Participant if the Participant does not accept the Restricted Share Unit. Â 4Â Â Â APPENDIX A TO THE ALCOA CORPORATION 2016 Stock Incentive Plan Terms and Conditions for Restricted Share Units For Non-U.S. Participants Â This Appendix A contains additional (or, if so indicated, different) terms and conditions that govern the Restricted Share Units if the Participant resides and/or provides services outside of the United States. Capitalized terms used but not defined herein shall have the same meanings assigned to them in the Plan and the Terms and Conditions for Restricted Share Units (the "Terms and Conditions"). A.Termination. This provision supplements paragraph 3 of the Terms and Conditions. The Company will determine when the Participant is no longer providing services for purposes of the Restricted Share Units (including whether the Participant may still be considered to be providing services while on a leave of absence). B.Responsibility for Taxes. This provision supplements paragraph 4 of the Terms and Conditions. The Participant acknowledges that, regardless of any action taken by the Company or any Subsidiary, the ultimate liability for all Taxes is and remains the Participant's responsibility and may exceed any amount actually withheld by the Company or any Subsidiary. The Participant further acknowledges that the Company (a) makes no representations or undertakings regarding the treatment of any Taxes in connection with any aspect of these Restricted Shares Units, including, but not limited to, the grant, vesting or payment of Restricted Share Units, the subsequent sale of Shares acquired pursuant to the Restricted Share Unit and the receipt of any dividends or dividend equivalents; and (b) does not commit to and is under no obligation to structure the terms of the Restricted Share Units or any aspect of the Restricted Share Units to reduce or eliminate the Participant's liability for Taxes or achieve any particular tax result. The Participant shall not make any claim against the Company or any Subsidiary, or their respective board, officers or employees related to Taxes arising from this Award. Furthermore, if the Participant has become subject to Taxes in more than one jurisdiction, the Participant acknowledges that the Company or a Subsidiary may be required to withhold or account for Taxes in more than one jurisdiction. The Participant shall pay to the Company or any Subsidiary any amount of Taxes that the Company or any Subsidiary may be required to withhold or account for as a result of the Participant's participation in the Plan that cannot be satisfied by the means described in paragraph 4 of the Terms and Conditions. The Company may refuse to issue or deliver the Shares or the proceeds of the sale of Shares if the Participant fails to comply with his or her obligations in connection with the Taxes. C. Data Privacy. The Participant hereby explicitly and unambiguously consents to the collection, use and transfer, in electronic or other form, of the Participant's personal data as described in these Award Terms and any other grant materials by and among, as applicable, the Company and any Subsidiary for the exclusive purpose of implementing, administering and managing the Participant's participation in the Plan and this Award. The Participant understands that the Company may hold certain personal information about the Participant, including, but not limited to, the Participant's name, home address, email address and telephone number, date of birth, social insurance number, passport or other identification number, nationality, any shares of stock held in the Company, details of all Restricted Share Units or any other entitlement to shares of stock awarded, canceled, exercised, vested, unvested or outstanding in the Participant's favor ("Data"), for the exclusive purpose of implementing, administering and managing the Plan and this Award. The Participant understands that Data will be transferred to the Broker, or such additional or other stock plan service providers as may be selected by the Company, which are assisting the Company with the implementation, 5Â Â administration and management of the Plan and this Award. The Participant understands that the recipients of Data may be located in the United States or elsewhere, and that the recipients' country may have different data privacy laws and protections than the Participant's country. The Participant understands that the Participant may request a list with the names and addresses of any other potential recipients of Data by contacting the Company. The Participant authorizes the Company, the Broker and any other possible recipients which may assist the Company (presently or in the future) with implementing, administering and managing the Plan and this Award to receive, possess, use, retain and transfer Data, in electronic or other form, for the sole purpose of implementing, administering and managing the Participant's participation in the Plan and this Award. The Participant understands that Data will be held only as long as is necessary to implement, administer and manage the Participant's participation in the Plan and this Award. The Participant understands that the Participant may, at any time, view Data, request additional information about the storage and processing of Data, require any necessary amendments to Data or refuse or withdraw the consents herein, in any case without cost, by contacting in writing the Company. Further, the Participant understands that the Participant is providing the consents herein on a purely voluntary basis. If the Participant does not consent, or if the Participant later seeks to revoke the Participant's consent, the Participant's service as a Director will not be affected; the only consequence of refusing or withdrawing the Participant's consent is that the Company would not be able to grant this Award of Restricted Share Units or other Awards to the Participant or administer or maintain such Awards. Therefore, the Participant understands that refusing or withdrawing the Participant's consent may affect the Participant's ability to participate in the Plan. For more information on the consequences of the Participant's refusal to consent or withdrawal of consent, the Participant understands that the Participant may contact the Company. D.Language. If the Participant has received these Award Terms, or any other document related to this Award of Restricted Share Units and/or the Plan translated into a language other than English and if the meaning of the translated version is different than the English version, the English version will control. E.Insider Trading Restrictions/Market Abuse Laws. The Participant acknowledges that, depending on his or her country, the Participant may be subject to insider trading restrictions and/or market abuse laws, which may affect his or her ability to acquire or sell Shares or rights to Shares under the Plan during such times as the Participant is considered to have "inside information" regarding the Company (as defined by applicable laws in his or her country). Any restrictions under these laws or regulations are separate from and in addition to any restrictions that may be imposed under any applicable Company insider trading policy. The Participant acknowledges that it is his or her responsibility to comply with any applicable restrictions, and the Participant should consult his or her personal advisor on this matter. F.Foreign Asset/Account Reporting Requirements, Exchange Controls and Tax Requirements. The Participant acknowledges that his or her country may have certain foreign asset and/or account reporting requirements and exchange controls which may affect his or her ability to acquire or hold Shares under the Plan or cash received from participating in the Plan (including from any dividends received or sale proceeds arising from the sale of Shares) in a brokerage or bank account outside his or her country. The Participant understands that he or she may be required to report such accounts, assets or transactions to the tax or other authorities in his or her country. The Participant also may be required to repatriate sale proceeds or other funds received as a result of the Participant's participation in the Plan to his or her country through a designated bank or broker and/or within a certain time after receipt. The Participant acknowledges that it is his or her responsibility to be compliant with all such requirements, and that the Participant should consult his or her personal legal and tax advisors, as applicable, to ensure the Participant's compliance. Â 6Â Â APPENDIX B TO THE ALCOA CORPORATION 2016 Stock Incentive Plan Terms and Conditions for Restricted Share Units For Non-U.S. Participants Â Capitalized terms used but not defined in this Appendix B have the meanings set forth in the Plan and the Terms and Conditions for Restricted Share Units (the "Terms and Conditions"). Terms and Conditions This Appendix B includes special terms and conditions that govern

the Restricted Share Units if the Participant resides and/or provides services in one of the countries listed below. If the Participant is a citizen or resident of a country other than the country in which the Participant is currently residing and/or providing services, or if the Participant transfers to another country after the grant of Restricted Share Units or is considered a resident of another country for local law purposes, the Board shall, in its discretion, determine to what extent the special terms and conditions contained herein shall be applicable to the Participant. Notifications This Appendix B also includes information regarding exchange controls, tax and certain other issues of which the Participant should be aware with respect to participation in the Plan. The information is based on the securities, exchange control, tax and other laws in effect in the respective countries as of July 2024. Such laws are often complex and change frequently. As a result, the Company strongly recommends that the Participant not rely on the information in this Appendix B as the only source of information relating to the consequences of participation in the Plan because the information may be out of date at the time the Participant receives Shares or sells Shares acquired under the Plan. In addition, the information contained herein is general in nature and may not apply to the Participant's particular situation and the Company is not in a position to assure the Participant of any particular result. Accordingly, the Participant should seek appropriate professional advice as to how the relevant laws in the Participant's country may apply to his or her situation. Finally, if the Participant is a citizen or resident of a country other than the country in which the Participant currently provides services and/or resides, or if the Participant transfers to another country after the grant of the Restricted Share Unit, or is considered a resident of another country for local law purposes, the information contained herein may not be applicable to the Participant in the same manner. Â 7Â Â AUSTRALIA Restricted Share Unit Grants. Any Restricted Share Units granted to the Participant are also subject to the terms of Appendix D to the Deferred Fee Plan and will be interpreted and administered accordingly. Payment. In accordance with the deferral election provisions in Appendix D to the Deferred Fee Plan, the Participant may not elect to receive payment of his or her Restricted Share Units in ten (10) annual installments. All Restricted Share Units will be paid to the Participant in a single lump sum payment, in accordance with Section 5.2(a) and (b) of the Deferred Fee Plan, as modified by Sections D-1 and D-2 of the Appendix D to the Deferred Fee Plan. Notwithstanding anything to the contrary in the Deferred Fee Plan and regardless of any deferral election or subsequent deferral election made by the Participant, a Participant who is tax resident in Australia will receive payment of any Restricted Share Units on the earlier of (i) six (6) months following the Participant's separation from service in accordance with Section 5.2(b) of the Deferred Fee Plan or (ii) December 15 of the calendar year that is 14 years following the year in which the applicable Restricted Share Units are granted to the Participant, subject to Section 5.3 of the Deferred Fee Plan in the case of the Participant's death. Further, in no event will the Restricted Share Units carry any right to receive payment of any dividend equivalents in cash. To the extent the Board of Directors authorizes that dividend equivalents be accrued on Restricted Share Units, such dividend equivalents shall be paid in such whole number of Shares with a fair market value at the time the Restricted Share Units are paid equal to the amount of dividend equivalents accrued on the Restricted Share Units at that time. Any fractional Shares attributable to dividend equivalents shall be rounded down to the nearest whole Share, and the Participant shall not be entitled to any consideration for such fractional Shares, or any other amount in respect of the accrued dividend equivalents. Tax Information. The Plan is a plan to which Subdivision 83A-C of the Income Tax Assessment Act 1997 (Cth) (the "Act") applies (subject to the conditions in the Act). CANADA Restricted Share Unit Grants. Any Restricted Share Units granted to the Participant are also subject to the terms of Appendix C to the Deferred Fee Plan and will be interpreted and administered accordingly. Â Payment. Â Notwithstanding anything to the contrary in the Terms and Conditions, a Participant will receive one Share upon payment of each Restricted Share Unit granted pursuant to the Terms and Conditions. Further, notwithstanding anything to the contrary in the Terms and Conditions, the Company shall not have discretion to substitute a cash payment in lieu of Shares. Â Further, in no event will the Restricted Share Units carry any right to receive payment of any dividend equivalents in cash. To the extent the Board of Directors authorizes that dividend equivalents be accrued on Restricted Share Units, such dividend equivalents shall be paid in such whole number of Shares with a fair market value at the time the Restricted Share Units are paid equal to the amount of dividend equivalents accrued on the Restricted Share Units at that time. Any fractional Shares attributable to dividend equivalents shall be rounded down to the nearest whole Share, and the Participant shall not be entitled to any consideration for such fractional Shares, or any other amount in respect of the accrued dividend equivalents. Â 8Â Â Withholding. Â Notwithstanding anything to the contrary in the Terms and Conditions, the number of Shares otherwise required to be issued to a Participant on payment of a vested Restricted Share Unit shall not be reduced to satisfy the payment of Taxes, except for at the election of a Participant, in the Participant's sole discretion. Â The Following Provisions Apply for Participants Resident in Quebec: Â Consent to Receive Information in English. The Participant acknowledges that it is the express wish of the parties that these Award Terms, as well as all documents, notices and legal proceedings entered into, given or instituted pursuant hereto or relating directly or indirectly hereto, be written in English. Â Les parties reconnaissent avoir exigé la rédaction en anglais de Conditions d'attribution, ainsi que de tous documents, avis et procédures judiciaires, exécutés, donnés ou intentés en vertu de, ou liés directement ou indirectement Ã , la présente convention. Â Authorization to Release and Transfer Necessary Personal Information. The following provision supplements paragraph D "Data Privacy" of Appendix A: Â The Participant hereby authorizes the Company and the Company's representatives to discuss with and obtain all relevant information from all personnel, professional or not, involved in the administration and operation of the Plan. The Participant further authorizes the Company, any Subsidiary and the administrator of the Plan to disclose and discuss the Plan with their advisors. The Participant further authorizes the Company and any Subsidiary to record such information and to keep such information in the Participant's human resources file. Notifications Securities Law Information. The Participant is permitted to sell Shares acquired under the Plan through the Broker, provided the resale of such Shares takes place outside of Canada through the facilities of a stock exchange on which the Stock is listed. The Stock is currently traded on the New York Stock Exchange which is located outside of Canada, under the ticker symbol "AA", and Shares acquired under the Plan may be sold through this exchange. Foreign Asset/Account Reporting Information. The Participant is required to report his or her foreign property on Form T1135 (Foreign Income Verification Statement) if the total cost of such foreign property exceeds C$100,000 at any time during the year. The form must be filed by April 30th of the following year. Foreign property includes Shares acquired under the Plan, and may include Restricted Share Units granted under the Plan. When Shares are acquired, their cost generally is the adjusted cost base ("ACB") of the Shares. The ACB ordinarily would equal the fair market value of the Shares at the time of acquisition, but if the Participant owns other shares of the same company, this ACB may have to be averaged with the ACB of the other shares. The Participant should consult with his or her personal tax advisor to determine his or her reporting requirements. Â Â Â Â 9Â EX-10.3 4 aa-ex10_3.htm EX-10.3 EX-10.3 Â EXHIBIT 10.3 ALCOA CORPORATION TERMS AND CONDITIONS FOR RESTRICTED SHARE UNITS ANNUAL DIRECTOR AWARDS Â Â These terms and conditions, including Appendices A and B attached hereto (jointly, the "Award Terms"), are authorized by the Board of Directors as of August 1, 2024. They are deemed to be incorporated into and form a part of every Award of Restricted Share Units issued as an annual equity award to a Director under the Alcoa Corporation 2016 Stock Incentive Plan, as may be amended from time to time (the "Plan"). Terms that are defined in the Plan have the same meanings in the Award Terms. General Terms and Conditions 1.This Award of Restricted Share Units is granted as the Participant's annual equity award pursuant to the Company's Non-Employee Director Compensation Policy (the "Director Compensation Policy"). The number of Shares subject to this Award has been determined by dividing the dollar value of the annual equity award provided for under the Director Compensation Policy by the fair market value of a Share on the grant date, rounded to the nearest number of whole Shares. Restricted Share Units are subject to the provisions of the Plan and the provisions of the Award Terms. If the Plan and the Award Terms are inconsistent, the provisions of the Plan will govern. Interpretations of the Plan and the Award Terms by the Board are binding on the Participant and the Company. A Restricted Share Unit is an undertaking by the Company to issue the number of Shares indicated in the Participant's account with the Company's designated stock plan broker or service provider (the "Broker"), subject to the fulfillment of certain conditions, except to the extent otherwise provided in the Plan or herein. A Participant has no voting rights or rights to receive dividends on Restricted Share Units, but the Board of Directors may authorize that dividend equivalents be accrued on Restricted Share Units, subject to vesting in accordance with paragraphs 2 and 4 below. Any dividend equivalents on Restricted Share Units will be paid in the same manner and at the same time as the Restricted Share Units to which they relate, as set forth in paragraph 5 below. Vesting and Payment 2.A Restricted Share Unit vests on the first anniversary date of the grant date, or, if earlier, the date of the next subsequent annual meeting of stockholders following the grant date. 3.Except as provided in paragraph 4, if a Participant's service with the Company is terminated before the Restricted Share Unit vests, the Award is forfeited and is automatically canceled. 4.The following are exceptions to the vesting rules: • Death or Disability: a Restricted Share Unit held by a Participant who dies while a Director or whose service as a Director terminates due to permanent and total disability is not forfeited but becomes fully vested as of the date of the Participant's death or termination of service due to disability, as applicable.A Participant is deemed to be permanently and totally disabled if the Participant is unable to engage in any substantial gainful activity by reason of any medically determinable physical or mental impairment which can be expected to result in death or which has lasted or can be expected to last for a continuous period of not less than 12 months. A Participant shall not be considered to be permanently and totally disabled unless the Participant furnishes proof of the existence thereof in such form and manner, and at such times, as the Company may require. In the event of a dispute, the determination whether a Participant is permanently and totally disabled will be made by the Board. • Change in Control: to the extent that (i) a Replacement Award is not provided to the Participant following a Change in Control; or (ii) the Participant's service is not continued by the successor or survivor corporation in connection with or following such Change in Control, the Restricted Share Â Â Â Â Unit will become fully vested immediately prior to the consummation of the Change in Control subject to the Participant's continued service through the date of such Change in Control. 5.Payment. A Participant will receive one Share upon payment of each vested Restricted Share Unit. Payment of vested Restricted Share Units is governed by the Alcoa Corporation 2016 Deferred Fee Plan for Directors, as may be amended from time to time (the "Deferred Fee Plan"). Except as otherwise set forth in the Deferred Fee Plan, payment of vested Restricted Share Units will occur upon the earlier of the Participant's "separation from service" (as defined in Section 409A of the Code and the Treasury Regulations thereunder) and the Participant's death, within the payment periods specified in the Deferred Fee Plan. In accordance with the deferral election provisions of the Deferred Fee Plan, the Participant may elect to receive payment of his or her vested Restricted Share Units in either a single lump sum or in ten (10) annual installments, except as otherwise required or recommended due to applicable local law or set forth in the Deferred Fee Plan. In the absence of such election by the Participant, a vested Restricted Share Unit will be paid in a single lump sum. Taxes 6.The Participant acknowledges that the Participant will consult with his or her personal tax advisor regarding any income tax, social security contributions or other tax-related items ("Taxes") that arise in connection with the Restricted Share Units. The Participant is relying solely on such advisor and is not relying in any part on any statement or representation of the Company or any of its agents. The Company shall not be responsible for withholding any applicable Taxes, unless required by applicable law. The Company may take such action as it deems appropriate to ensure that all Taxes, which are the Participant's sole and absolute responsibility, are withheld or collected from the Participant, if and to the extent required by applicable law. In this regard, the Company will have the power and the right to require the Participant to remit to the Company the amount necessary to satisfy federal, state and local taxes, U.S. or non-U.S., required by law or regulation to be withheld with respect to any taxable event arising as a result of the Restricted Share Units. Notwithstanding the foregoing, unless otherwise determined by the Board, any obligation to withhold Taxes will be met by the Company by withholding from the Shares to be issued upon payment of the Restricted Share Unit that number of Shares with a fair market value on the payment date equal to the Taxes required to be withheld at the minimum required rates or, to the extent permitted under applicable accounting principles, at up to the maximum individual tax rate for the applicable tax jurisdiction. Beneficiaries 7.If permitted by the Company, the Participant will be entitled to designate one or more beneficiaries to receive all Restricted Share Units that have not yet vested or that have vested but have not been paid at the time of death of the Participant. All beneficiary designations will be on beneficiary designation forms approved for the Plan. Copies of the form will generally be available from the Broker or may otherwise be obtained from the Company. 8.Beneficiary designations on an approved form will be effective at the time received by the Company, including, as applicable, through submission to the Broker. A Participant may revoke a beneficiary designation at any time by written notice to the Company, including as applicable, through submission to the Broker, or by filing a new designation form. Any designation form previously filed by a Participant will be automatically revoked and superseded by a later-filed form. 9.A Participant will be entitled to designate any number of beneficiaries on the form, and the beneficiaries may be natural or corporate persons. 10.The failure of any Participant to obtain any recommended signature on the form will not prohibit the Company from treating such designation as valid and effective. No beneficiary will acquire any beneficial or other interest in any Restricted Share Unit prior to the death of the Participant who designated such beneficiary. 11.Unless the Participant indicates on the form that a named beneficiary is to receive Restricted Share Units only upon the prior death of another named beneficiary, all beneficiaries designated on the form will be entitled to share equally in the Restricted Share Units. Unless otherwise indicated, all such beneficiaries will have an equal, undivided interest in all such Restricted Share Units. Â Â 12.Should a beneficiary die after the Participant but before the Restricted Share Unit is paid, such beneficiary's rights and interest in the Award will be transferable by the beneficiary's last will and testament or by the laws of descent and distribution. A named beneficiary who predeceases the Participant will obtain no rights or interest in a Restricted Share Unit, nor will any person claiming on behalf of such individual. Unless otherwise specifically indicated by the Participant on the beneficiary designation form, beneficiaries designated by class (such as "children," "grandchildren" etc.) will be deemed to refer to the members of the class living at the time of the Participant's death, and all members of the class will be deemed to take "per capita." 13.If a Participant does not designate a beneficiary or if the Company does not permit a beneficiary designation, the Restricted Share Units that have not yet vested or been paid at the time of death of the Participant will be paid to the Participant's legal heirs pursuant to the Participant's last will and testament or by the laws of descent and distribution. Adjustments 14.In the event of an Equity Restructuring, the Board will equitably adjust the Restricted Share Unit as it deems appropriate to reflect the Equity Restructuring, which may include (i) adjusting the number and type of securities subject to the Restricted Share Unit; and (ii) adjusting the terms and conditions of the Restricted Share Unit. The adjustments provided under this paragraph 14 will be nondiscretionary and final and binding on all interested parties, including the affected Participant and the Company; provided that the Board will determine whether an adjustment is equitable. Miscellaneous Provisions 15.Stock Exchange Requirements; Applicable Laws. Notwithstanding anything to the contrary in the Award Terms, no Shares issuable upon vesting and payment of the Restricted Share Units, and no certificate representing all or any part of such Shares, shall be issued or delivered if, in the opinion of counsel to the Company, such issuance or delivery would cause the Company to be in violation of, or to incur liability under, any securities law, or any rule, regulation or procedure of any U.S. national securities exchange upon which any securities of the Company are listed, or any listing agreement with any such securities exchange, or any other requirement of law or of any administrative or regulatory body having jurisdiction over the Company or a Subsidiary. 16.Stockholder Rights. No person or entity shall be entitled to vote, receive dividends or be deemed for any purpose the holder of any Shares until the Restricted Share Unit shall have vested and been paid in the form of Shares in accordance with the provisions of the Award Terms. 17.Notices. Any notice required or permitted under the Award Terms shall be in writing and shall be deemed sufficient when delivered personally or sent by confirmed email, telegram, or fax or five days after being deposited in the mail, as certified or registered mail, with postage prepaid, and addressed to the Company at the Company's principal corporate offices or to the Participant at the address maintained for the Participant in the Company's records or, in either case, as subsequently modified by written notice to the other party. 18.Severability and Judicial Modification. If any provision of the Award Terms is held to be invalid or unenforceable under the applicable laws of any country, state, province, territory or other political subdivision or the Company elects not to enforce such restriction, the remaining provisions shall remain in full force and effect and the invalid or unenforceable provision shall be modified only to the extent necessary to render that provision valid and enforceable to the fullest extent permitted by law. If the invalid or unenforceable provision cannot be, or is not, modified, that provision shall be severed from the Award Terms and all other provisions shall remain valid and enforceable. 19.Successors. The Award Terms shall be binding upon and inure to the benefit of the Company and its successors and assigns, on the one hand, and the Participant and his or her heirs, beneficiaries, legatees and personal representatives, on the other hand. Â Â 20.Appendices. Notwithstanding any provisions in the Award Terms, for Participants residing and/or providing services outside the United States, the Restricted Share Unit shall be subject to the additional terms and conditions set forth in Appendix A to the Award Terms and to any special terms and conditions for the Participant's country set forth in Appendix B to the Award Terms. Moreover, if the Participant relocates outside the United States or relocates between the countries included in Appendix B, subject to compliance with Section 409A of the Code, the additional terms and conditions set forth in Appendix A and the special terms and conditions for such country set forth in Appendix B will apply to the Participant, to the extent the Company determines that the application of such terms and conditions is necessary or advisable for legal or administrative reasons. The Appendices constitute part of the Award Terms. 21.Imposition of Other Requirements.

The Company reserves the right to impose other requirements on the Participant's participation in the Plan, on the Restricted Share Unit and on any Shares acquired under the Plan, to the extent the Company determines it is necessary or advisable for legal or administrative reasons, and to require the Participant to sign any additional agreements or undertakings that may be necessary to accomplish the foregoing. 22.Compliance with Code Section 409A. It is intended that the Restricted Share Unit granted pursuant to the Award Terms be compliant with Section 409A of the Code and the Award Terms shall be interpreted, construed and operated to reflect this intent. Notwithstanding the foregoing, the Award Terms and the Plan may be amended at any time, without the consent of any party, to the extent necessary or desirable to satisfy any of the requirements under Section 409A of the Code, but the Company shall not be under any obligation to make any such amendment. Further, the Company and its Subsidiaries do not make any representation to the Participant that the Restricted Share Unit granted pursuant to the Award Terms satisfies the requirements of Section 409A of the Code, and the Company and its Subsidiaries will have no liability or other obligation to indemnify or hold harmless the Participant or any other party for any tax, additional tax, interest or penalties that the Participant or any other party may incur in the event that any provision of the Award Terms or any amendment or modification thereof or any other action taken with respect thereto, is deemed to violate any of the requirements of Section 409A of the Code. 23.Waiver. A waiver by the Company of breach of any provision of the Award Terms shall not operate or be construed as a waiver of any other provision of the Award Terms, or of any subsequent breach by the Participant or any other Participant. 24.No Advice Regarding Award. The Company is not providing any tax, legal or financial advice, nor is the Company making any recommendations regarding the Participant's participation in the Plan, or the Participant's acquisition or sale of the underlying Shares. The Participant is hereby advised to consult with the Participant's own personal tax, legal and financial advisors regarding the Participant's participation in the Plan before taking any action related to the Plan. 25.Governing Law and Venue. As stated in the Plan, the Restricted Share Unit and the provisions of the Award Terms and all determinations made and actions taken thereunder, to the extent not otherwise governed by the laws of the United States, shall be governed by the laws of the State of Delaware, United States of America, without reference to principles of conflict of laws, and construed accordingly. The jurisdiction and venue for any disputes arising under, or any actions brought to enforce (or otherwise relating to), the Restricted Share Unit will be exclusively in the courts in the State of Delaware, including the Federal Courts located therein (should Federal jurisdiction exist). 26. Electronic Delivery and Acceptance. The Company may, in its sole discretion, decide to deliver any documents related to current or future participation in the Plan by electronic means. The Participant hereby consents to receive such documents by electronic delivery and agrees to participate in the Plan through an on-line or electronic system established and maintained by the Company or a third party designated by the Company. 27.Entire Agreement. The Award Terms and the Plan embody the entire understanding and agreement of the parties with respect to the subject matter hereof, and no promise, condition, representation or warranty, express or implied, not stated or incorporated by reference herein, shall bind either party hereto. Â Â Acceptance of Award 28.In accordance with Section 15(c) of the Plan (as in effect at the grant date), the Participant may reject the Restricted Share Unit by notifying the Company within 30 days of the grant date that he or she does not accept the Restricted Share Unit. The Participant's acceptance of the Restricted Share Unit constitutes the Participant's acceptance of and agreement with the Award Terms. Notwithstanding the foregoing, if required by the Company, the Participant will provide a signed copy of the Award Terms in such manner and within such timeframe as may be requested by the Company. The Company has no obligation to issue Shares to the Participant if the Participant does not accept the Restricted Share Unit. Â Â Â APPENDIX A TO THE ALCOA CORPORATION 2016 Stock Incentive Plan Terms and Conditions for Restricted Share Units For Non-U.S. Participants Â This Appendix A contains additional (or, if so indicated, different) terms and conditions that govern the Restricted Share Units if the Participant resides and/or provides services outside of the United States. Capitalized terms used but not defined herein shall have the same meanings assigned to them in the Plan and the Terms and Conditions for Restricted Share Units (the "Terms and Conditions"). A.Termination. This provision supplements paragraph 3 of the Terms and Conditions. The Company will determine when the Participant is no longer providing services for purposes of the Restricted Share Units (including whether the Participant may still be considered to be providing services while on a leave of absence). B.Responsibility for Taxes. This provision supplements paragraph 6 of the Terms and Conditions. The Participant acknowledges that, regardless of any action taken by the Company or any Subsidiary, the ultimate liability for all Taxes is and remains the Participant's responsibility and may exceed any amount actually withheld by the Company or any Subsidiary. The Participant further acknowledges that the Company (a) makes no representations or undertakings regarding the treatment of any Taxes in connection with any aspect of these Restricted Shares Units, including, but not limited to, the grant, vesting or payment of Restricted Shares Units, the subsequent sale of Shares acquired pursuant to the Restricted Share Unit and the receipt of any dividends or dividend equivalents; and (b) does not commit to and is under no obligation to structure the terms of the Restricted Share Units or any aspect of the Restricted Share Units to reduce or eliminate the Participant's liability for Taxes or achieve any particular tax result. The Participant shall not make any claim against the Company or any Subsidiary, or their respective board, officers or employees, related to Taxes arising from this Award. Furthermore, if the Participant has become subject to Taxes in more than one jurisdiction, the Participant acknowledges that the Company or a Subsidiary may be required to withhold or account for Taxes in more than one jurisdiction. The Participant shall pay to the Company or any Subsidiary any amount of Taxes that the Company or any Subsidiary may be required to withhold or account for as a result of the Participant's participation in the Plan that cannot be satisfied by the means described in paragraph 6 of the Terms and Conditions. The Company may refuse to issue or deliver the Shares or the proceeds of the sale of Shares if the Participant fails to comply with his or her obligations in connection with the Taxes. C.Nature of Award. In accepting the Restricted Share Units, the Participant acknowledges, understands and agrees that: a.the Plan is established voluntarily by the Company, is discretionary in nature and may be modified, amended, suspended, or terminated by the Company at any time, to the extent permitted by the Plan; b.this Award of Restricted Share Units and the Participant's participation in the Plan shall not create a right to, or be interpreted as forming an employment contract with the Company; c.the Participant's participation in the Plan is voluntary; d.the future value of the Shares subject to the Restricted Share Unit is unknown and cannot be predicted with certainty; Â Â Â e.no claim or entitlement to compensation or damages shall arise from forfeiture of any portion of this Award of Restricted Share Units resulting from termination of the Participant's service as a Director (for any reason whatsoever and regardless of whether later found to be invalid or in breach of the laws of any applicable jurisdiction), and, in consideration of this Award of Restricted Share Units, the Participant irrevocably agrees never to institute any claim against the Company and any Subsidiary, waives his or her ability, if any, to bring any such claim, and releases the Company and all Subsidiaries from any such claim; if, notwithstanding the foregoing, any such claim is allowed by a court of competent jurisdiction, then, by participating in the Plan, the Participant shall be deemed irrevocably to have agreed not to pursue such claim and agrees to execute any and all documents necessary to request dismissal or withdrawal of such claims; f.unless otherwise provided in the Plan or by the Company in its discretion, this Award of Restricted Share Units and the benefits under the Plan evidenced by these Award Terms do not create any entitlement to have this Award of Restricted Share Units or any such benefits transferred to, or assumed by, another company nor to be exchanged, cashed out or substituted for, in connection with any corporate transaction affecting the Shares; and g.neither the Company nor any Subsidiary shall be liable for any foreign exchange rate fluctuation between the Participant's local currency and the United States Dollar that may affect the value of the Restricted Share Units or of any amounts due to the Participant pursuant to the Restricted Share Units or the subsequent sale of any Shares acquired under the Plan. D. Data Privacy. The Participant hereby explicitly and unambiguously consents to the collection, use and transfer, in electronic or other form, of the Participant's personal data as described in these Award Terms and any other grant materials by and among, as applicable, the Company and any Subsidiary for the exclusive purpose of implementing, administering and managing the Participant's participation in the Plan and this Award. The Participant understands that the Company may hold certain personal information about the Participant, including, but not limited to, the Participant's name, home address, email address and telephone number, date of birth, social insurance number, passport or other identification number, nationality, any shares of stock held in the Company, details of all Restricted Share Units or any other entitlement to shares of stock awarded, canceled, exercised, vested, unvested or outstanding in the Participant's favor ("Data"), for the exclusive purpose of implementing, administering and managing the Plan and this Award. The Participant understands that Data will be transferred to the Broker, or such additional or other stock plan service providers as may be selected by the Company, which are assisting the Company with the implementation, administration and management of the Plan and this Award. The Participant understands that the recipients of Data may be located in the United States or elsewhere, and that the recipients' country may have different data privacy laws and protections than the Participant's country. The Participant understands that the Participant may request a list with the names and addresses of any other potential recipients of Data by contacting the Company. The Participant authorizes the Company, the Broker and any other possible recipients which may assist the Company (presently or in the future) with implementing, administering and managing the Participant's participation in the Plan and this Award to receive, possess, use, retain and transfer Data, in electronic or other form, for the sole purpose of implementing, administering and managing the Participant's participation in the Plan and this Award. The Participant understands that Data will be held only as long as is necessary to implement, administer and manage the Participant's participation in the Plan and this Award. The Participant understands that the Participant may, at any time, view Data, request additional information about the storage and processing of Data, require any necessary amendments to Data or refuse or withdraw the consents herein, in any case without cost, by contacting in writing the Company. Further, the Participant understands that the Participant is providing the consents herein on a purely voluntary basis. If the Participant does not consent, or if the Participant later seeks to revoke the Participant's consent, the Participant's service as a Director will not be affected; the only consequence of refusing or withdrawing the Participant's consent is that the Company would not be able to grant this Award of Restricted Share Units or other Awards to the Participant or administer or maintain such Awards. Therefore, the Participant understands that refusing or withdrawing the Participant's consent may affect the Participant's Â Â ability to participate in the Plan. For more information on the consequences of the Participant's refusal to consent or withdrawal of consent, the Participant understands that the Participant may contact the Company. E.Language. If the Participant has received these Award Terms, or any other document related to this Award of Restricted Share Units and/or the Plan translated into a language other than English and if the meaning of the translated version is different than the English version, the English version will control. F.Insider Trading Restrictions/Market Abuse Laws. The Participant acknowledges that, depending on his or her country, the Participant may be subject to insider trading restrictions and/or market abuse laws, which may affect his or her ability to acquire or sell Shares or rights to Shares under the Plan during such times as the Participant is considered to have "inside information" regarding the Company (as defined by applicable laws in his or her country). Any restrictions under these laws or regulations are separate from and in addition to any restrictions that may be imposed under any applicable Company insider trading policy. The Participant acknowledges that it is his or her responsibility to comply with any applicable restrictions, and the Participant should consult his or her personal advisor on this matter. G.Foreign Asset/Account Reporting Requirements, Exchange Controls and Tax Requirements. The Participant acknowledges that his or her country may have certain foreign asset and/or account reporting requirements and exchange controls which may affect his or her ability to acquire or hold Shares under the Plan or cash received from participating in the Plan (including from any dividends received or sale proceeds arising from the sale of Shares) in a brokerage or bank account outside his or her country. The Participant understands that he or she may be required to report such accounts, assets or transactions to the tax or other authorities in his or her country. The Participant also may be required to repatriate sale proceeds or other funds received as a result of the Participant's participation in the Plan to his or her country through a designated bank or broker and/or within a certain time after receipt. The Participant acknowledges that it is his or her responsibility to be compliant with all such requirements, and that the Participant should consult his or her personal legal and tax advisors, as applicable, to ensure the Participant's compliance. Â Â Â APPENDIX B TO THE ALCOA CORPORATION 2016 Stock Incentive Plan Terms and Conditions for Restricted Share Units For Non-U.S. Participants Â Capitalized terms used but not defined in this Appendix B have the meanings set forth in the Plan and the Terms and Conditions for Restricted Share Units (the "Terms and Conditions"). Terms and Conditions This Appendix B includes special terms and conditions that govern the Restricted Share Units if the Participant resides and/or provides services in one of the countries listed below. If the Participant is a citizen or resident of a country other than the country in which the Participant is currently residing and/or providing services, or if the Participant transfers to another country after the grant of Restricted Share Units or is considered a resident of another country for local law purposes, the Board shall, in its discretion, determine to what extent the special terms and conditions contained herein shall be applicable to the Participant. Notifications This Appendix B also includes information regarding exchange controls, tax and certain other issues of which the Participant should be aware with respect to participation in the Plan. The information is based on the securities, exchange control, tax and other laws in effect in the respective countries as of July 2024. Such laws are often complex and change frequently. As a result, the Company strongly recommends that the Participant not rely on the information in this Appendix B as the only source of information relating to the consequences of participation in the Plan because the information may be out of date at the time the Participant receives Shares or sells Shares acquired under the Plan. In addition, the information contained herein is general in nature and may not apply to the Participant's particular situation and the Company is not in a position to assure the Participant of any particular result. Accordingly, the Participant should seek appropriate professional advice as to how the relevant laws in the Participant's country may apply to his or her situation. Finally, if the Participant is a citizen or resident of a country other than the country in which the Participant currently provides services and/or resides, or if the Participant transfers to another country after the grant of the Restricted Share Unit, or is considered a resident of another country for local law purposes, the information contained herein may not be applicable to the Participant in the same manner. Â Â Â Â Â Â Â AUSTRALIA Terms and Conditions Restricted Share Unit Grants. Any Restricted Share Units granted to the Participant are also subject to the terms of Appendix D to the Deferred Fee Plan and will be interpreted and administered accordingly. Payment. In accordance with the deferral election provisions in Appendix D to the Deferred Fee Plan, the Participant may not elect to receive payment of his or her Restricted Share Units in ten (10) annual installments. All Restricted Share Units will be paid to the Participant in a single lump sum payment, in accordance with Section 5.2(a) and (b) of the Deferred Fee Plan, as modified by Sections D-1 and D-2 of the Appendix D to the Deferred Fee Plan. Notwithstanding anything to the contrary in the Deferred Fee Plan and regardless of any deferral election or subsequent deferral election made by the Participant, a Participant who is tax resident in Australia will receive payment of any Restricted Share Units on the earlier of (i) six (6) months following the Participant's separation from service in accordance with Section 5.2(b) of the Deferred Fee Plan or (ii) December 15 of the calendar year that is 14 years following the year in which the applicable Restricted Share Units are granted to the Participant, subject to Section 5.3 of the Deferred Fee Plan in the case of the Participant's death. Further, in no event will the Restricted Share Units carry any right to receive payment of any dividend equivalents in cash. To the extent the Board of Directors authorizes that dividend equivalents are accrued on Restricted Share Units, such dividend equivalents shall be paid in such whole number of Shares with a fair market value at the time the Restricted Share Units are paid equal to the amount of dividend equivalents accrued on the Restricted Share Units at that time. Any fractional Shares attributable to dividend equivalents shall be rounded down to the nearest whole Share, and the Participant shall not be entitled to any consideration for such fractional Shares, or any other amount in respect of the accrued dividend equivalents. Tax Information. The Plan is a plan to which Subdivision 83A-C of the Income Tax Assessment Act 1997 (Cth) (the "Act") applies (subject to the conditions in the Act). CANADA Terms and Conditions Restricted Share Unit Grants. Any Restricted Share Units granted to the Participant are also subject to the terms of Appendix C to the Deferred Fee Plan and will be interpreted and administered accordingly. Payment. Notwithstanding anything to the contrary in the Terms and Conditions, a Participant will receive one Share upon payment of each Restricted Share Unit that vests pursuant to the Terms and Conditions. Further, notwithstanding anything to the contrary in the Terms and Conditions, the Company shall not have discretion to substitute a cash payment in lieu of Shares. Further, in no event will the Restricted Share Units carry any right to receive payment of any dividend equivalents in cash. To the extent the Board of Directors authorizes that dividend equivalents are accrued on Restricted Share Units, such dividend equivalents shall be paid in such whole number of Shares with a fair market value at the time the Restricted Share Units are paid equal to the amount of dividend equivalents accrued on the Restricted Share Â Â Units at that time. Any fractional Shares attributable to dividend equivalents shall be rounded down to the nearest whole Share, and the Participant shall not be entitled to any consideration for such fractional Shares, or any other amount in respect of the accrued dividend equivalents. Withholding. Notwithstanding anything to the contrary in the Terms and Conditions, the number of Shares otherwise required to be issued to a Participant on payment of a vested Restricted Share Unit shall not be reduced to satisfy the payment of Taxes, except for at the election of a Participant, in the Participant's sole discretion. The Following Provisions Apply for Participants Resident in Quebec: Consent to Receive Information in English. The Participant acknowledges that it is the express wish of the parties that these Award Terms, as well as all documents, notices and legal proceedings entered into, given or instituted pursuant hereto or relating directly or indirectly hereto, be written in English. Les parties reconnaissent avoir exigé la rédaction en anglais de Conditions d'attribution, ainsi que de tous documents, avis et procédures judiciaires, exécutés, donnés ou

intentés en vertu de, ou liés directement ou indirectement à, la présente convention. Authorization to Release and Transfer Necessary Personal Information. The following provision supplements paragraph D "Data Privacy" of Appendix A: The Participant hereby authorizes the Company and the Company's representatives to discuss with and obtain all relevant information from all personnel, professional or not, involved in the administration and operation of the Plan. The Participant further authorizes the Company, any Subsidiary and the administrator of the Plan to disclose and discuss the Plan with their advisors. The Participant further authorizes the Company and any Subsidiary to record such information and to keep such information in the Participant's human resources file. Notifications Securities Law Information. The Participant is permitted to sell Shares acquired under the Plan through the Broker, provided the resale of such Shares takes place outside of Canada through the facilities of a stock exchange on which the Stock is listed. The Stock is currently traded on the New York Stock Exchange, which is located outside of Canada, under the ticker symbol "AA". The Stock acquired under the Plan may be sold through this exchange. Foreign Asset/Account Reporting Information. The Participant is required to report his or her foreign property on Form T1135 (Foreign Income Verification Statement) if the total cost of such foreign property exceeds C$100,000 at any time during the year. The form must be filed by April 30th of the following year. Foreign property includes Shares acquired under the Plan, and may include Restricted Share Units granted under the Plan. When Shares are acquired, their cost generally is the adjusted cost base ("ACB") of the Shares. The ACB ordinarily would equal the fair market value of the Shares at the time of acquisition, but if the Participant owns other shares of the same company, this ACB may have to be averaged with the ACB of the other shares. The Participant should consult with his or her personal tax advisor to determine his or her reporting requirements. Â EX-10.4 5 aa-ex10_4.htm EX-10.4 EXHIBIT 10.4 ALCOA CORPORATION 2016 DEFERRED FEE PLAN FOR DIRECTORS (Effective November 1, 2016 and as amended and restated on December 5, 2018) ARTICLE I Introduction Alcoa Corporation (the "Company") has established this 2016 Deferred Fee Plan for Directors, as amended (the "Plan") to provide nonÂemployee directors with an opportunity to defer receipt of fees earned for services as a member of the Company's Board of Directors (the "Board"), to provide for deferrals of Restricted Share Units (as defined herein) with respect to common stock of the Company granted to non-employee directors, and to receive liabilities transferred from the Alcoa Inc. Plans. ARTICLE II DEFinitions 2.1 Definitions. The following definitions apply unless the context clearly indicates otherwise: (a)Alcoa Inc. Plans means the Alcoa Inc. Deferred Fee Plan for Directors (the "Alcoa Inc. 1999 Plan") and the Alcoa Inc. 2005 Deferred Fee Plan for Directors (the "Alcoa Inc. 2005 Plan"). (b)Legacy Alcoa DSU Account means any amount held in a Director's Deferred Fee Account that is notionally credited in Shares, in accordance with the terms of the Employee Matters Agreement and Article VII. (c)Alcoa Stock Fund means, with respect to a Director who prior to the Effective Date participated in one or both of the Alcoa Inc. Plans, the investment option established under the Alcoa Inc. Plans with reference to the Alcoa Stock Fund under Alcoa Inc.'s principal tax-qualified retirement savings plan for salaried employees. (d)Annual Equity Award means the annual Restricted Share Unit award that a Director will be entitled to receive as compensation for serving as a Director in a relevant year (not including any Fees), which will be granted under the Stock Plan. (e)Beneficiary means the person or persons designated by a Director under Section 4.1 to receive any amount payable under Section 5.3. (f)Board has the meaning ascribed to such term in Article I. (g)Chairman means the Chairman of the Board. (h)Code means the United States Internal Revenue Code of 1986, as amended, and the regulations promulgated thereunder. (i)Company has the meaning ascribed to such term in Article I. (j)Credits means amounts credited to a Director's Deferred Fee Account, with all Investment Option units valued by reference to the comparable fund offered under the Savings Plan. (k)Deferred Fee Account means a bookkeeping account established by the Company in the name of a Director with respect to amounts deferred into Investment Options hereunder. For the 1 avoidance of doubt, Deferred Fee Account does not include any amounts deferred into Deferred Fee RSU Awards. (l)Deferred Fee RSU Award means each award of Restricted Share Units granted in lieu of Fees pursuant to a deferral election made by a Director pursuant to Article III. (m)Director means a nonÂemployee member of the Board who participates in this Plan. Any Director who is a director or chairman of the board of directors of a subsidiary or affiliate of the Company shall not, by virtue thereof, be deemed to be an employee of the Company or such subsidiary or affiliate for purposes of eligibility under this Plan. (n)Director Share Ownership Guideline means the minimum value of Shares (or, if applicable, units in the Legacy Alcoa DSU Account), required to be held by each Director until retirement from the Board, as established from time to time by the Board. Effective November 1, 2016, the Director Share Ownership Guideline for a Director is $750,000. A Director's compliance with the Director Share Ownership Guideline shall be measured based on the value of the Director's investment as of January 1 of each year, or on such other date as may be designated by the Secretary's office (the "Annual Valuation Date"). (o)Effective Date means November 1, 2016, the effective date of the separation of the Company's business from Alcoa Inc.'s business. (p)Employee Matters Agreement means the Employee Matters Agreement dated as of the Effective Date by and between Alcoa Inc. and the Company relating to the transfer of employees in connection with the separation of the Company's business from Alcoa Inc.'s business, as amended, which agreement is incorporated herein by reference. (q)Equity Restructuring means a nonreciprocal transaction between the Company and its shareholders, such as a stock dividend, stock split (including a reverse stock split), spin-off, rights offering or recapitalization through a large, nonrecurring cash dividend, that affects the Shares (or other securities of the Company) or the price of Shares (or other securities) and causes a change in the per share value of the Shares. (r)Fair Market Value means, with respect to Shares on any given date, the closing price per Share on that date as reported on the New York Stock Exchange or other stock exchange on which the Shares principally trade. If the New York Stock Exchange or such other exchange is not open for business on the date fair market value is being determined, the closing price as reported for the next business day on which that exchange is open for business will be used. (s)Fees means all cash amounts payable to a Director for services rendered as a member of the Board that are specifically designated as fees, including, but not limited to, annual and/or quarterly retainer fees, fees (if any) paid for attending meetings of the Board or any Committee thereof, fees for serving as a Committee Chair, as Lead Director or Chairman or as a member of a Committee, and any per diem fees. (t)Investment Options means the respective options established hereunder with reference to the comparable funds under the Savings Plan, with the exception of the Company's Stock Fund. (u)Plan has the meaning ascribed to such term in Article I. 2 (v)Restricted Share Unit means an award of a right to receive Shares, including any such award that is granted under, and subject to the terms of, the Stock Plan. (w)Shares means the shares of common stock of the Company, $0.01 par value per Share. (x)Savings Plan means the Company's principal tax-qualified retirement savings plan for salaried employees. (y)Secretary means the Secretary of the Company. (z)Separation from Service means a "separation from service" as defined in Section 409A of the Code. (aa)Stock Plan means the Alcoa Corporation 2016 Stock Incentive Plan, as may be amended from time to time in accordance with its terms, and any successor thereto. (bb) Unforeseeable Emergency means a severe financial hardship to the Director resulting from (1) an illness or accident of the Director or his or her spouse or dependentÂ¾ (2) loss of the Director's property due to casualtyÂ¾ or (3) other similar extraordinary and unforeseeable circumstances arising as a result of events beyond the Director's control. For the avoidance of doubt, a circumstance does not constitute an "Unforeseeable Emergency" for purposes of the Plan unless such circumstance constitutes an "unforeseeable emergency" as defined in Section 409A of the Code. ARTICLE III DEFERRAL OF COMPENSATION 3.1 Deferral of Fees. A Director may elect, with respect to each calendar year, to defer under the Plan the receipt of all Fees or a specified portion (in 1% increments) of the Fees otherwise payable to him or her and may elect to invest such deferred Fees in one or more Investment Options and/or in Deferred Fee RSU Awards. Fees deferred in respect of each calendar year shall be separately designated and tracked in an individual sub-account to the Director's Deferred Fee Account (each, an "Annual Sub-Account") and shall be paid in accordance with Article V of the Plan. 3.2 Deferral of Restricted Share Units. Unless otherwise determined by the Board or as may be required pursuant to Section 6.6, any Restricted Share Units granted to a Director (whether as a Deferred Fee RSU Award or an Annual Equity Award) shall, once any vesting requirements have been met (i.e., once earned and non-forfeitable), be deferred and paid in accordance with Article V of the Plan. Any dividend equivalents on Restricted Share Units shall be deferred and paid in the same manner and at the same time as the Restricted Share Units to which they relate. 3.3 Manner of Electing Deferral. A Director may elect to defer the receipt of all or certain Fees and may elect the form of payment of Restricted Share Units by giving written notice (including by electronic means) to the Secretary on an election form provided by the Company, or in any other manner that is deemed sufficient from time to time by the Board (including by means of a standing election intended to apply to subsequent calendar years until modified by the Director). Such election form will require the Director to specify (i) the percentage (if any) of the Director's Fees that will be deferred and the manner of investment of such deferred Fees in accordance with Sections 3.5 and 3.6, and (ii) the form of payment of any deferred Fees (including Deferred Fee RSU Awards) and, separately, of the Director's Annual Equity Award, which in each case, may be either a single lump sum payment or ten (10) annual installment payments (and no other 3 number of installments). In the event and to the extent that a Director fails to specify the form of payment, payment will be made in a lump sum. Payment will be made in accordance with Article V of the Plan. 3.4 Timing of Elections of Deferral. An election to defer Fees and to elect the form of payment of an Annual Equity Award shall be made prior to the beginning of the calendar year in which the Fees will be earned or, as applicable, the Annual Equity Award will be granted (including by means of a standing election intended to apply to subsequent calendar years until modified by the Director)Â¾ provided, however, that an election made within 30 days after a person first becomes a Director shall be effective for Fees earned, or any Annual Equity Award granted, in the same calendar year, but after the date of such deferral election. The election to defer receipt of payment may not be canceled or modified after it becomes irrevocable under Section 409A of the Code unless the Chairman, in his sole discretion, determines in accordance with Section 5.1 that an Unforeseeable Emergency exists, or except as otherwise permitted by the Code. 3.5 Deferring Fees into Investment Options. A Director may designate all or a portion of his or her deferred Fees to be invested in one or more of the Investment Options, in which case, the Director's deferred Fees shall be credited to the designated Investment Option(s) at the beginning of the calendar quarter following the quarter in which such Fees were earned. Such Fees shall be credited to the Director's Deferred Fee Account as Credits for "units" in the Director's Deferred Fee Account. As of any specified date, the value per unit in the Director's Deferred Fee Account shall be deemed to be the value determined for the comparable fund under the Savings Plan. 3.6 Deferred Fee RSU Awards. A Director may designate all or a portion of his or her deferred Fees to be invested in Deferred Fee RSU Awards, except that a deferral of Fees pursuant to an election made within 30 days after a person first becomes a Director may be invested in Deferred Fee RSU Awards only with respect to any Fees to be earned in the quarter (or other Fees payment period) following the quarter in which the Director commences service on the Board. The number of Restricted Share Units subject to each Deferred Fee RSU Award shall be determined by dividing the dollar amount of the Fees subject to the Director's election by the Fair Market Value of a Share on the date(s) that such Fees (or any installment thereof) would otherwise have been paid in cash to the Director (the "Fees Payment Date"). Unless otherwise determined by the Board, the Deferred Fee RSU Award shall (i) be granted on the applicable Fees Payment Date(s), (ii) not be subject to vesting requirements or other forfeiture restrictions, and (iii) be granted under, and subject to the terms of, the Stock Plan and evidenced by a form of Award Agreement (as defined in the Stock Plan) that shall be approved by the Board prior to the grant of any such Deferred Fee RSU Award, which Award Agreement is incorporated by reference into this Section 3.6. The Shares subject to the Deferred Fee RSU Award shall be delivered to the Director in accordance with Article V of the Plan. 3.7 Subsequent Deferral Elections. After a deferral election by a Director in accordance with this Article III has become irrevocable under Section 409A of the Code, the Director may elect to change the time and form of payment of the deferred amount covered by such election only once by submitting a payment election change at least (12) months prior to the date on which the deferred amount (or first installment thereof, as applicable) is scheduled to be paid (the "First Scheduled Payment Date") that will result in a delay of payment (or commencement of payment) of such deferred amount (i.e., a re-deferral) until the date that is at least five (5) years after the First Scheduled Payment Date. A payment election change is irrevocable upon receipt and shall not take effect until the first date that is at least twelve (12) months after the date of receipt. Any such change in the time and form of payment of deferred Fees will apply to, and require a five (5) year re-deferral of, all deferred Fees (including Deferred Fee RSU Awards) previously deferred 4 under the Plan by the Director as of the date of such change. Equally, any such change in the time and form of payment of an Annual Equity Award will apply to, and require a five (5) year re-deferral of, all Annual Equity Awards or any other deferred Restricted Share Units or deferred equity awards previously deferred under the Plan by the Director as of the date of such change. 3.8 Transfers Between Investment Options. Subject to Section 7.3, to the extent that a Director has Credits notionally invested in one or more Investment Options (other than the Legacy Alcoa DSU Account, if applicable), the Director may elect to designate a different Investment Option for all or any portion of such Credits in accordance with the procedures established by the Board from time to time. 3.9 Method of Payment. All payments with respect to a Director's Deferred Fee Account shall be made in cash, and no Director shall have the right to demand payment in Shares or in any other medium. Subject to the terms of the Stock Plan, if applicable, and except as set forth in Section 5.2, all payments with respect to Deferred Fee RSU Awards and Annual Equity Awards shall be made in Shares. ARTICLE IV Beneficiaries 4.1 Designation of Beneficiary. Each Director may designate from time to time one or more natural persons or entities as his or her Beneficiary or Beneficiaries to whom the amounts credited to his or her Deferred Fee Account and/or his or her Deferred Fee RSU Awards are to be paid if he or she dies before all such amounts have been paid to the Director. Each Beneficiary designation shall be made on a form prescribed by the Company and shall be effective only when filed with the Secretary during the Director's lifetime. Each Beneficiary designation filed with the Secretary shall revoke all Beneficiary designations previously made. The revocation of a Beneficiary designation shall not require the consent of any Beneficiary. In the absence of an effective Beneficiary designation, or if payment cannot be made to a Beneficiary, payment shall be made to the Director's estate. Any beneficiary designation with respect to an Annual Equity Award or Deferred Fee RSU Award will be made in accordance with the terms of the Stock Plan, to the extent applicable. ARTICLE V PAYMENTS 5.1 Payment upon Unforeseeable Emergency. No payment may be made from a Director's Deferred Fee Account or in settlement of a Director's Annual Equity Awards and Deferred Fee RSU Awards except as provided in this Article V, unless an Unforeseeable Emergency exists as determined by the Chairman in his sole discretion. If an Unforeseeable Emergency is determined by the Chairman to exist, the Chairman shall determine when and to what extent Credits in the Director's Deferred Fee Account and/or Shares underlying the Director's Annual Equity Awards and Deferred Fee RSU Awards may be paid to such Director prior to or after the Director's Separation from ServiceÂ¾ provided, however, that the amounts distributed in connection with such an emergency cannot exceed the amounts necessary to satisfy the emergency plus what is necessary to pay taxes reasonably anticipated as a result of the distribution, after taking into account the extent to which the hardship is or may be relieved through reimbursement or compensation by insurance or otherwise or by liquidation of the Director's assets (to the extent such liquidation would not itself cause severe financial hardship). All payments with respect to an Unforeseeable Emergency shall be made in a lump sum upon the Chairman's determination that an Unforeseeable Emergency exists, subject to any advance approval by the Board as may be required for purposes of exemption under Section 16(b) of the Securities Exchange Act of 1934, as amended. 5 5.2 Payment upon a Director's Separation from Service. (a) Payment of any amount in a Director's Deferred Fee Account (valued in accordance with the last sentence of Section 3.5) and of the Director's Deferred Fee RSU Awards (if any) and Annual Equity Awards shall be made following the Director's Separation from Service, as set forth in this Section 5.2, except as otherwise set forth in Section 5.1 or Section 5.3. (b) To the extent a Director elected to receive a lump sum payment, such payment shall be made in the sixth calendar month that commences following the date of the Director's Separation from Service, but in no event earlier than after a full six (6) months following such Separation from Service, subject to any subsequent deferral election made by the Director pursuant to Section 3.7. (c) To the extent a Director elected to receive installment payments, the first such installment payment shall be made either (i) during the sixth calendar month that commences following the Director's Separation from Service, but in no event earlier than after a full six (6) months following such Separation from Service, or (ii) during the first month of the calendar year following the Director's Separation from Service, whichever of (i) or (ii) occurs later, subject to any subsequent deferral election made by the Director pursuant to Section 3.7. Subsequent installment payments shall be made during the first calendar month of each succeeding year until the Director's Deferred Fee Account is exhausted or all Restricted Share Units have been paid, as applicable. If the Director elected to receive deferred Fees credited to any Annual Sub-Account or settlement of a Deferred Fee RSU Award or Annual Equity Award in installment payments, the amount of each payment shall be, respectively, a fraction of the value of the Director's Annual Sub-Account and in such sub-account, or a fraction of the number of Restricted Share Units that remains subject to such Deferred Fee RSU Award or Annual Equity Award, in each case on the last day of the calendar month preceding payment, the numerator of which fraction is one and the denominator of which is the total number of installments elected minus the number of installments previously paid. Any fractional Share portion of an installment payment of a Deferred Fee RSU Award or Annual Equity Award, or any portion of a dividend equivalent on such award that was not reinvested in additional Restricted Share Units pursuant to its terms, will be paid in cash at the same time as the installment payment to which it is attributable. 5.3 Payment upon a Director's Death. If a Director dies with any amount credited to his or her Deferred Fee Account and/or any outstanding Deferred Fee RSU Awards, the value of said Deferred Fee Account and/or Shares underlying such Deferred Fee RSU Awards shall be paid as soon as administratively practicable in a single payment to the Beneficiary (or in separate payments to the Beneficiaries if more than one were designated by the Director) or to the Director's estate, as the case may be (subject to the terms of the Stock Plan

if and to the extent applicable to the Deferred Fee RSU Awards). If a Director dies with any outstanding Annual Equity Awards that are vested (or become vested upon the Director's death), such awards shall be paid as soon as administratively practicable in a single payment to the party eligible to receive such payment under the terms of the Stock Plan. 5.4 Separate Payments. Each payment payable under this Plan is intended to constitute a separate payment for purposes of Section 409A of the Code. 6 ARTICLE VI MISCELLANEOUS 6.1 Director's Rights Unsecured. Payments payable hereunder shall be payable out of the general assets of the Company, and no segregation of assets for such payments shall be made by the Company. The right of any Director or Beneficiary to receive payments from a Deferred Fee Account shall be a claim against the general assets of the Company as an unsecured general creditor. The Company may, in its absolute discretion, establish one or more trusts or reserves, which may be funded by reference to amounts of Credits standing in the Director's Deferred Fee Accounts hereunder or otherwise. Any such trust or reserve shall remain subject to the claims of creditors of the Company. If any amounts held in a trust of the above described nature are found (due to the creation or operation of said trust) in a final decision by a court of competent jurisdiction, or under a "determination" by the Internal Revenue Service in a closing agreement in audit or final refund disposition (within the meaning of Section 1313(a) of the Code), to have been includable in the gross income of a Director or Beneficiary prior to payment of such amounts from said trust, the trustee for the trust shall, as soon as practicable, pay to such Director or Beneficiary an amount equal to the amount determined to have been includable in gross income in such determination, and shall accordingly reduce the Director's or Beneficiary's future benefits payable under this Plan. The trustee shall not make any distribution to a Director or Beneficiary pursuant to this paragraph unless it has received a copy of the written determination described above, together with any legal opinion that it may request as to the applicability thereof. 6.2 Responsibility for Taxes. The Director or Beneficiary is liable for any and all taxes that are applicable to the amounts payable under the Plan, including any taxes deemed payable prior to payment out of the Plan. 6.3 NonÂassignability. The right of any Director or Beneficiary to the payment of Credits in a Deferred Fee Account shall not be assigned, transferred, pledged or encumbered and shall not be subject in any manner to alienation or anticipation. 6.4 Administration and Interpretation. The Plan shall be administered by the Board. Subject to the terms of the Plan and applicable law and without limitation, the Board shall have full power and authority to: (i) designate Directors for participation, (ii) determine the terms and conditions of any deferral made under the Plan, (iii) interpret and administer the Plan and any instrument or agreement relating to, or deferral made under, the Plan, (iv) establish, amend, suspend or waive such rules and regulations and appoint such agents as it shall deem appropriate for the proper administration of the Plan, and (v) make any other determination and take any other action that the Board deems necessary or desirable for the administration of the Plan. To the extent permitted by applicable laws, the Board may, in its discretion, delegate to the Secretary's office any or all authority and responsibility to act with respect to administrative matters relating to the Plan, and to the extent set forth in the Plan, the Board may delegate certain questions of construction and interpretation to the Chairman, whose decision on such matters shall be final and binding. The determination of the Board on all matters within its authority relating to the Plan shall be final, conclusive and binding upon all parties, including the Company, its shareholders, the Directors and any Beneficiary. 6.5 Section 409A of the Code. The Plan is intended to comply with the requirements of Section 409A of the Code, and the provisions of the Plan and any deferral election form shall be interpreted in a manner that satisfies the requirements of Section 409A of the Code, and the Plan shall be operated accordingly. If any provision of the Plan or any term or condition of any deferral election form would otherwise frustrate or conflict with this intent, the provision, such provision, 7 term or condition will be interpreted and deemed amended so as to avoid this conflict. Although the Company may attempt to avoid adverse tax treatment under Section 409A of the Code, the Company makes no representation to that effect and expressly disavows any covenant to maintain favorable or avoid unfavorable tax treatment. The Company shall be unconstrained in its corporate activities without regard to the potential negative tax impact on a Director. 6.6 Non-U.S. Directors. Directors who are foreign nationals or residents or employed outside the United States, or both, may participate in the Plan on such terms and conditions different from those applicable to Directors who are not foreign nationals or residents or who are employed in the United States as may, in the judgment of the Board, be necessary or desirable in order to recognize differences in local law, regulations or tax policy. 6.7 Amendment and Termination. The Plan may be amended, modified or terminated at any time by the Board. No amendment, modification or termination shall, without the consent of a Director, adversely affect such Director's rights with respect to amounts theretofore credited to his or her Deferred Fee Account or with respect to Annual Equity Awards or Deferred Fee RSU Awards theretofore granted to such Director. 6.8 Notices. All notices to the Company under the Plan shall be in writing and shall be given to the Secretary or to an agent or other person designated by the Secretary. 6.9 Governing Law. This Plan shall be construed in accordance with and governed by the laws of the State of Delaware, excluding any choice of law provisions, which may indicate the application of the laws of another jurisdiction. ARTICLE VII TRANSFER OF LIABILITIES UNDER ALCOA INC. PLANS 7.1 Transfer of Liabilities. In accordance with the terms of the Employee Matters Agreement, if prior to the Effective Date a Director participated in one or both of the Alcoa Inc. Plans, the Director's Deferred Fee Account or Legacy Alcoa DSU Account, as applicable, will be credited with the applicable amount of such Director's deferred fee account balance under the Alcoa Inc. Plan(s) and all liabilities relating to the participation of the Director in the Alcoa Inc. Plan(s) shall be transferred to this Plan and assumed by the Company. To the extent the Director's deferred fee account balance under the Alcoa Inc. Plan(s) was invested in one or more investment options other than the Alcoa Stock Fund, it will be reflected as a Credit in an equivalent Investment Option(s) in the Director's Deferred Fee Account, as determined by the Company. 7.2 Adjustment of Credits in Alcoa Stock Fund. Any amount transferred from a Director's deferred fee account under an Alcoa Inc. Plan that was notionally invested in the Alcoa Stock Fund will, following adjustment of such amount in accordance with the terms of the Employee Matters Agreement, be held as a Credit in the Legacy Alcoa DSU Account and will be subject to the terms set forth in Section 7.3 and Section 7.4. 7.3 Transfers to or from the Legacy Alcoa DSU Account. The Legacy Alcoa DSU Account has been established solely for the purpose of receiving amounts transferred from a Director's deferred fee account under an Alcoa Inc. Plan and is not an Investment Option under this Plan. No deferred Fees or Credits notionally invested in Investment Options may be credited to, or transferred into, the Legacy Alcoa DSU Account. A Director who holds Credits in the Legacy Alcoa DSU Account may not transfer such Credits to other Investment Options if, as of the last Annual Valuation Date, the Director is not in compliance with the Director Share Ownership Guideline. If the Director is in compliance with the Director Share Ownership Guideline as of the last 8 Annual Valuation Date, the Director may transfer Credits from the Legacy Alcoa DSU Account to other Investment Options only upon preclearance of such transaction by the Secretary in accordance with the Company's Insider Trading Policy. Notwithstanding the foregoing, beginning six (6) months after the Director's Separation from Service, and prior to a complete distribution of any amounts in the Director's Deferred Fee Account, the Director may transfer Credits from the Legacy Alcoa DSU Account to other Investment Options to the same extent and frequency as a participant in the Savings Plan may transfer investment credits into or out of the Company's Stock Fund. Any transfer out of the Legacy Alcoa DSU Account permitted by this Section 7.3 can be accomplished only once every fifteen (15) days. In addition, such transfers shall be subject to reasonable administrative minimums, and any other restrictions recommended by counsel to ensure compliance with applicable law. 7.4 Capitalization Adjustments. In the event of any stock dividend, stock split, combination or exchange of shares, merger, consolidation or other distribution (other than normal cash dividends) of Company assets to shareholders, or any other change affecting the Shares or the price of the Shares or, alternatively, in the event of an Equity Restructuring, any Credits in the Legacy Alcoa DSU Account will be subject to the applicable adjustment provisions of the Stock Plan. 7.5 Assumption of Terms of Alcoa Inc. Plans. Deferred fee amounts that are transferred to a Director's Deferred Fee Account from his or her account under an Alcoa Inc. Plan will be subject to the same terms and conditions as applied under the applicable Alcoa Inc. Plan. To effectuate the foregoing, the Company hereby adopts the terms of the Alcoa Inc. 1999 Plan as Appendix A to the Plan and the terms of the Alcoa Inc. 2005 Plan as Appendix B to the Plan (together, the "Appendices"), which shall apply, respectively, to deferred fee amounts transferred from the Alcoa Inc. 1999 Plan and the Alcoa Inc. 2005 Plan. For purposes of the Company's adoption of the terms of the Alcoa Inc. Plans, unless the context otherwise requires, references in an Alcoa Inc. Plan to: (i) the "Company" means Alcoa Corporation, (ii) the "Board of Directors" or the "Board" means the Board of Directors of Alcoa Corporation, (iii) the "Alcoa Stock Fund" means the Legacy Alcoa DSU Account, (iv) "stock," "common stock" or "shares" means shares of Alcoa Corporation common stock, and (v) "Investment Options" means the Investment Options under Section 2.1(t) of the Plan. Further, notwithstanding the terms of the Alcoa Inc. Plans, transfers of Credits between Investment Options or from the Legacy Alcoa DSU Account will be governed by Section 3.8 and Section 7.3 of the Plan, and any change to a Director's previous deferral election that is permitted under the Alcoa Inc. 2005 Plan will be subject to the subsequent deferral election requirements in Section 3.7 of the Plan. The Appendices, as modified by this Section 7.5, are incorporated by reference in this Article VII. 9 Â APPENDIX A ALCOA INC. DEFERRED FEE PLAN FOR DIRECTORS (Amended July 9, 1999) ARTICLE I INTRODUCTION Alcoa Inc. (the "Company")has established this Deferred Fee Plan for Directors (the "Plan") to provide non-employee Directors with an opportunity to defer receipt of cash fees to be earned for services rendered as a Director, generally until after termination of service as a Director. ARTICLE II DEFINITIONS 2.1Definitions. The following definitions apply unless the context clearly indicates otherwise: (a) Alcoa Stock Option shall mean the Investment Option established hereunder with reference to the Alcoa Stock fund under the Savings Plan. (b) Beneficiary means the person or persons designated by a Participant under Section 4.1 to receive any amount payable under Section 5.3. (c) Board of Directors means the Board of Directors of the Company. (d) Committee means the Inside Director Committee of the Board. (e) Credits means amounts credited to a Participant's Deferred Fee Account, with all Investment Option units valued by reference to the comparable fund offered under the Company's principal savings plan for salaried employees ("Savings Plan"). (f) Deferred Fee Account means a bookkeeping account established by the Company in the name of a Director with respect to amounts deferred hereunder. (g) Director means a non-employee member of the Board of Directors. Any Director who is a director or chairman of the board of directors of a subsidiary or affiliate of the Company shall not, by virtue thereof, be deemed to be an employee of the Company or such subsidiary or affiliate for purposes of eligibility under this Plan. (h) Fees means all cash monies payable to a Director for services rendered as a Director and which are specifically designated as fees, including, but not limited to, annual and/or quarterly retainer fees, fees (if any) paid for attending meetings of the Board of Directors or any committee thereof and any per diem fees. (i) Investment Option means the respective options established hereunder with reference to the comparable funds under the Savings Plan, except as otherwise determined by the Committee for any fund added to the Savings Plan after January 1, 1993. 1Â (j) Participant means a person who has elected to participate in the Plan. (k) Secretary means the Secretary of the Company. (l) Unforeseeable Emergency means a severe financial hardship resulting from extraordinary and unforeseeable circumstances arising as a result of one or more recent events beyond the control of the Participant, which cannot be eliminated by other reasonably available resources of the Participant. ARTICLE III DEFERRAL OF COMPENSATION 3.1 Amount of Deferral. A Director may elect to defer receipt of all Fees, or of all Fees of one or more types, or a specified portion (in 10% increments) of either of the foregoing, otherwise payable to him or her. 3.2 Manner of Electing Deferral. A Director may elect, or modify a prior election, to defer the receipt of all or certain Fees by giving written notice to the Secretary on a form provided by the Company. 3.3 Time of Election of Deferral; Revocation. An election to defer Fees shall be made prior to the beginning of the calendar quarter in which the Fees will be earned; provided, however, that an election made within 30 days after a person first becomes a Director shall be effective for Fees earned after such election is made. An election shall continue in effect until the end of the Participant's service as a Director or until the Secretary is notified in writing of a cancellation or modification of the election pursuant to this Section 3.3, whichever shall occur first; provided, however, that unless and then only to the extent that the Committee, in its sole discretion, determines that an Unforeseeable Emergency exists, the election deferring receipt of payment may not be canceled or modified except with regard to Fees to be earned in the quarter(s) beginning after the date the election is so canceled or modified. 3.4 Deferring Fees. A Participant shall designate the portion of his or her deferred Fees to be invested in one or more of the Investment Options. Beginning January 1, 1996, all Fees deferred by a Participant in any calendar year shall be invested in the Alcoa Stock Option until one-half of the amount of the annual retainer fee to which such Participant is entitled for such year has been so invested. Thereafter, designations of other Investment Options by a Participant may be made or shall be given effect. A Participant's deferred Fees shall be credited to the designated Investment Option(s)at the end of the month in which such deferred Fees would have been payable to such Participant but for an election to defer receipt of those Fees, except that the retainer fees shall be credited as of the first day of January, April, July and October of the year in which they are earned. Such Fees shall be credited to a Participant's Deferred Fee Account as Credits for "units" in the Participant's Deferred Fee Account. As of any specified date the value per unit shall be deemed to be the value determined for the comparable fund under the Savings Plan. 3.5 Transfers. A Participant may elect to designate a different Investment Option for all or any portion of the Credits for units in the various Investment Options in his or her Deferred Fee Account, except that Credits for units in the Alcoa Stock Option may not be transferred to any other Investment Option while the Participant is a Director. Beginning six months after termination of Board service and prior to a complete distribution of the Participant's account, the 2Â Â Participant may transfer Credits for units in the Alcoa Stock Option to other Investment Options to the same extent and frequency as a participant in the Savings Plan. A written election for transfer on a form provided by the Company must be received by the Secretary prior to 4:00 p.m. Eastern Time the business day when it is to become effective. Such election shall be subject to reasonable administrative minimums, and any restrictions recommended by counsel to assure that the Alcoa Stock Option does not become subject to Section 16 of the Securities Exchange Act of 1934 and/or to assure compliance with the provisions thereof. 3.6 Method of Payment. (a) All payments with respect to a Participant's Deferred Fee Account shall be made in cash, and no Participant shall have the right to demand payment in shares of Company stock or in any other medium. (b) Payments shall be made in a lump sum or, at the election of the Participant, in annual or quarterly installments. The date of the first such payment shall not be later than the first day of the first calendar quarter subsequent to the Participant's attainment of age 70 in which the Participant shall not be serving as a Director. (c) An election to receive installment payments in lieu of a lump sum must be made at least one year before the Participant's service as a Director terminates. 3.7 Election for pre-1990. Any Participant who deferred Fees payable for any year prior to 1990 shall be permitted to elect to designate one or more of the current Investment Options for all (but not less than all) of the amount credited to his Deferred Fee Account. The election must be received by the Secretary prior to the effective date fixed by the Committee and is subject to the approval of the Committee. Through the date such election becomes effective (if any) his Deferred Fee Account will earn interest as provided in the Plan prior to the 1989 amendments. 3.8 Transition Provision for 1992. The blackout period from November 2, 1992 through January 1, 1993 and the mapping of Credits from the old to the new Investment Options shall be administered under the Plan in the same fashion as for the Savings Plan, except as otherwise determined by the Committee. ARTICLE IV BENEFICIARIES 4.1 Designation of Beneficiary. Each Participant may designate from time to time any person or persons, natural or otherwise, as his Beneficiary or Beneficiaries to whom the amounts credited to his or her Deferred Fee Account are to be paid if he or she dies before all such amounts have been paid to the Participant. Each Beneficiary designation shall be made on a form prescribed by the Company and shall be effective only when filed with the Secretary during the Participant's lifetime. Each Beneficiary designation filed with the Secretary shall revoke all Beneficiary designations previously made. The revocation of a Beneficiary designation shall not require the consent of any Beneficiary. In the absence of an effective Beneficiary designation or if payment can be made to no Beneficiary, payment shall be made to the Participant's estate. ARTICLE V PAYMENTS 3Â Â 5.1 Payment of Deferred Fees. No payment may be made from a Director's Deferred Fee Account except as provided in this Article, unless and then only to the extent that an Unforeseeable Emergency exists as determined by the Committee in its sole discretion. In the latter case the Committee shall determine when and to what extent Credits in a Participant's Deferred Fee Account may be paid to such Participant prior to or after termination as a Director. 5.2 Payment Upon Termination as Director. The value of a Participant's Deferred Fee Account shall be payable in cash in a lump sum on or about the first day of the calendar quarter succeeding the quarter in which the Participant's service as a Director is terminated, or, if elected in advance under Section 3.6 hereof, in a lump sum or annual or quarterly installments beginning as specified in the election. If installments are elected, the amount of each payment shall be a fraction of the value of the Participant's Deferred Fee Account on the last day of the calendar quarter preceding payment, the numerator of which is one and the denominator of which is the total number of installments elected minus the number of installments previously paid. Such installment payments shall be made on or about the first day of each succeeding year or quarterly period until said Account is exhausted, except as provided in Section 5.1 or Section 5.3. 5.3 Payment Upon Participant's Death. If a Participant dies with any amount credited to his or her Deferred Fee Account, the value of said Account shall be paid in a single payment(s)to the Beneficiary(ies) or estate, as the case may be, on or about the first day of the calendar quarter next following the date of death or such later date as shall have been selected by the Participant with the consent of the Committee. ARTICLE VI MISCELLANEOUS 6.1 Participant's Rights Unsecured. The right of any Participant to receive payments from his or her Deferred Fee Account shall be a claim against the general assets of the Company as an unsecured general creditor. The Company may, in its absolute discretion, establish one or more trusts or reserves which may be funded by reference to amounts of Credits standing in Participants' Deferred Fee Accounts hereunder or otherwise. 6.2 Non-assignability. The right of any Participant or Beneficiary to the payment of Credits in a Deferred Fee Account shall not be assigned, transferred, pledged or encumbered and shall not be subject in any manner to alienation or

anticipation. 6.3 Administration and Interpretation. The Plan shall be administered by the Committee which shall have authority to adopt rules and regulations for carrying out the Plan and to interpret, construe and implement its provisions. Decisions of the Committee shall be final and binding. Routine administration may be delegated by the Committee. 6.4 Amendment and Termination. The Plan may be amended, modified or terminated at any time by the Board of Directors. No amendment, modification or termination shall, without the consent of a Participant, adversely affect such Participant's rights with respect to amounts theretofore credited to his or her Deferred Fee Account or earlier effect the payment of Fees already deferred. 6.5 Notices. All notices to the Company under the Plan shall be in writing and shall be given to the Secretary or to an agent or other person designated by the Secretary. 4Â Â 6.6 Governing Law. This Plan shall be construed in accordance with and governed by the laws of the Commonwealth of Pennsylvania, excluding any choice of law provisions which may indicate the application of the laws of another jurisdiction. Â 5Â Â APPENDIX B ALCOA INC. 2005 DEFERRED FEE PLAN FOR DIRECTORS (Effective January 1, 2005Ï¾ As Amended Effective January 1, 2015) ARTICLE I - Introduction Alcoa Inc. (the â€œCompanyâ€) has established this 2005 Deferred Fee Plan for Directors (the â€œPlanâ€) to provide nonÂemployee directors with an opportunity to defer receipt of fees earned for services as a member of the Companyâ€™s Board of Directors (the â€œBoardâ€) in 2005 and beyond. ARTICLE II - DEFERRAL OF COMPENSATION 2.1Definitions. The following definitions apply unless the context clearly indicates otherwise: (a)Alcoa Stock Fund means the Investment Option established hereunder with reference to the Alcoa Stock Fund under the Savings Plan. (b)Beneficiary means the person or persons designated by a Director under Section 4.1 to receive any amount payable under Section 5.3. (c)Board has the meaning ascribed to such term in Article I. (d)Chairman means the Chairman of the Board. (e)Company has the meaning ascribed to such term in Article I. (f)Credits means amounts credited to a Directorâ€™s Deferred Fee Account, with all Investment Option units valued by reference to the comparable fund offered under the Savings Plan. (g)Deferred Fee Account means a bookkeeping account established by the Company in the name of a Director with respect to amounts deferred hereunder. (h)Director means a nonÂEmployee member of the Board who participates in this Plan. Any Director who is a director or chairman of the board of directors of a subsidiary or affiliate of the Company shall not, by virtue thereof, be deemed to be an employee of the Company or such subsidiary or affiliate for purposes of eligibility under this Plan. (i)Director Share Ownership Guideline means the minimum value of Alcoa common stock or units in the Alcoa Stock Fund required to be held by each Director, as established from time to time by the Board. Effective January 1, 2015, the Director Share Ownership Guideline for a Director shall be $750,000. A Director is required to invest 50% of the Directorâ€™s annual Fees in Alcoa common stock or defer into the Alcoa Stock Fund under this Plan until the value of the investment reaches $750,000. The investment will be valued on the first Monday in December of each year and shall be held until retirement from the Board. Until the Director Share Ownership Guideline is satisfied by a particular Director, he or she is required to defer the Required Deferral Amount (defined below) or otherwise use that amount of annual Fees for the purchase of Alcoa common stock. 1Â Â (j)Fees means all cash amounts payable to a Director for services rendered as a member of the Board in 2005 and thereafter that are specifically designated as fees, including, but not limited to, annual and/or quarterly retainer fees, fees (if any) paid for attending meetings of the Board or any Committee thereof, fees for serving as a Committee Chair, as Lead Director or as a member of a Committee, and any per diem fees. (k)Investment Options means the respective options established hereunder with reference to the comparable funds under the Savings Plan. (l)Plan has the meaning ascribed to such term in Article I. (m)Required Deferral Amount means 50% of annual Fees, until such time as a Director has satisfied the then applicable Director Share Ownership Guideline. (n)Savings Plan means the Companyâ€™s principal savings plan for salaried employees. (o)Secretary means the Secretary of the Company. (p)Unforeseen Emergency means a severe financial hardship to the Director resulting from (1) an illness or accident affecting the Director or his or her spouse or dependentÏ¾ (2) loss of the Directorâ€™s property due to casualtyÏ¾ or (3) other similar extraordinary and unforeseeable circumstances arising as a result of events beyond the Directorâ€™s control. ARTICLE III - BENEFICIARIES 3.1Amount of Deferral. Beginning January 1, 2005, until a Director owns beneficial shares of Alcoa common stock and/or has units in the Alcoa Stock Fund with a value at least equal to the then applicable Director Share Ownership Guideline, the Director will be required to either defer at least the Required Deferral Amount in the Alcoa Stock Fund or use such amount to purchase Alcoa common stock. Beyond that requirement, a Director may elect to defer receipt of all Fees, or of all Fees of one or more types, or a specified portion (in 1% increments) otherwise payable to him or her. 3.2Manner of Electing Deferral. A Director may elect, or modify a prior election, to defer the receipt of all or certain Fees by giving written notice to the Secretary on a form provided by the Company, or in any other manner that is deemed sufficient from time to time by the Chairman. 3.3Annual Elections of Deferral. An election to defer Fees shall be made prior to the beginning of the calendar year in which the Fees will be earnedÏ¾ provided, however, that an election made within 30 days after a person first becomes a Director shall be effective for Fees earned during that year. An election shall continue in effect until the end of the year following the date of the deferral election, or until the end of the Directorâ€™s service on the Board, whichever shall occur first. The election to defer receipt of payment may not be canceled or modified unless the Chairman, in his sole discretion, determines that an Unforeseen Emergency exists, or except as otherwise permitted by Internal Revenue Service regulations. 3.4Deferring Fees. A Director shall designate the portion of his or her deferred Fees to be invested in one or more of the Investment Options. Until the Director Share Ownership Guideline is satisfied, the Required Deferral Amount is required to be deferred into the Alcoa Stock Fund or used to purchase Alcoa common stock. Any Director who has satisfied the Director Share Ownership Guideline or who wishes to defer funds other than the Required Deferral Amount 2Â Â may designate Investment Options other than the Alcoa Stock Fund for those amounts. A Directorâ€™s deferred Fees shall be credited to the designated Investment Option(s) at the beginning of the calendar quarter following the quarter in which such Fees were earned. Such Fees shall be credited to the Directorâ€™s Deferred Fee Account as Credits for â€œunitsâ€ in the Directorâ€™s Deferred Fee Account. As of any specified date, the value per unit in the Directorâ€™s Deferred Fee Account shall be deemed to be the value determined for the comparable fund under the Savings Plan. 3.5Transfers. A Director may elect to designate a different Investment Option for all or any portion of the Credits for units in the various Investment Options in his or her Deferred Fee Account, provided that, once the value of the Credits in the Alcoa Stock Fund equals the Director Share Ownership Guideline, Credits for at least that value must be maintained in the Alcoa Stock Fund for the duration of the Directorâ€™s service on the Board. Beginning six (6) months after termination of Board service, and prior to a complete distribution of the Directorâ€™s Deferred Fee Account, the Director may transfer Credits in units in the Alcoa Stock Fund to other Investment Options to the same extent and frequency as a participant in the Savings Plan. A written election on a form provided by the Company for transfer of investments into or out of any Investment Option other than the Alcoa Stock Fund must be received by the Secretary prior to 4:00 p.m. Eastern Time on the business day when it is to become effective. Transfer of investments into or out of the Alcoa Stock Fund must be received by 8:00 a.m. Eastern Time on the business day it is to become effective. Such transfers into or out of the Alcoa Stock Fund can be accomplished only once every fifteen (15) days. In addition, such transfers shall be subject to reasonable administrative minimums, and any restrictions recommended by counsel to ensure compliance with applicable law. 3.6Method of Payment. (a)All payments with respect to a Directorâ€™s Deferred Fee Account shall be made in cash, and no Director shall have the right to demand payment in shares of Alcoa common stock or in any other medium. (b)Payments shall be made in a lump sum as soon as administratively practicable following six (6) months after the conclusion of the Directorâ€™s service on the Board. Notwithstanding the foregoing, a Director can elect (at the time of making his or her annual deferral designation under Section 3.3) to receive the deferred Fees in up to ten (10) annual installments. The first such installment payment shall occur during the sixth month following the conclusion of the Directorâ€™s service on the Board, or during the first month of the calendar year following the conclusion of the Directorâ€™s service on the Board, whichever occurs later. (c)A Director may make an election to receive deferred Fees in up to ten (10) annual installments or a lump sum payment, provided that if such election is made by a Director to change the manner of payment of the Credits in such Directorâ€™s Deferred Fee Account and not with respect to the annual deferral designation made for Fees to be earned in an upcoming year, such payment election change (i) must be made at least twelve (12) months before the Directorâ€™s service on the Board ends, (ii) will be effective twelve (12) months following the date of the payment election change, and (iii) will result in a delay of payment of such deferred Fees until the later of (x) five (5) years from the date of the payment election change and (y) the end of the Directorâ€™s service on the Board. A payment election change is irrevocable upon receipt unless a Director makes a subsequent payment election change, in which case such subsequent payment election change shall be subject to the requirements of the foregoing clauses (i) to (iii). 3Â Â ARTICLE IV - Beneficiaries 4.1Designation of Beneficiary. Each Director may designate from time to time one or more natural persons or entities as his or her Beneficiary or Beneficiaries to whom the amounts credited to his or her Deferred Fee Account are to be paid if he or she dies before all such amounts have been paid to the Director. Each Beneficiary designation shall be made on a form prescribed by the Company and shall be effective only when filed with the Secretary during the Directorâ€™s lifetime. Each Beneficiary designation filed with the Secretary shall revoke all Beneficiary designations previously made. The revocation of a Beneficiary designation shall not require the consent of any Beneficiary. In the absence of an effective Beneficiary designation, or if payment can be made to no Beneficiary, payment shall be made to the Directorâ€™s estate. ARTICLE V - PAYMENTS 5.1Payment of Deferred Fees. No payment may be made from a Directorâ€™s Deferred Fee Account except as provided in this Article, unless an Unforeseen Emergency exists as determined by the Chairman in his sole discretion. If an Unforeseen Emergency is determined by the Chairman to exist, the Chairman shall determine when and to what extent Credits in the Directorâ€™s Deferred Fee Account may be paid to such Director prior to or after the Directorâ€™s service on the BoardÏ¾ provided, however, that the amounts distributed in connection with such an emergency cannot exceed the amounts necessary to satisfy the emergency plus what is necessary to pay taxes reasonably anticipated as a result of the distribution, after taking into account the extent to which the hardship is or may be relieved through reimbursement or compensation by insurance or otherwise or by liquidation of the Directorâ€™s assets (to the extent such liquidation would not itself cause severe financial hardship.). 5.2Payment upon Termination of Service on the Board. The value of a Directorâ€™s Deferred Fee Account, determined in accordance with the last sentence of Section 3.4, shall be payable in cash in a lump sum as soon as administratively practicable following six (6) months after the Directorâ€™s service on the Board ends, or if elected in advance by the Director under Section 3.6 hereof, in annual installments. If installments had been elected, the amount of each payment shall be a fraction of the value of the Directorâ€™s Deferred Fee Account designated by the Director for installment payments and in such account on the last day of the calendar month preceding payment, the numerator of which is one and the denominator of which is the total number of installments elected minus the number of installments previously paid. The first installment payment shall be made as provided in the last sentence of Section 3.6(b), and all subsequent installment payments shall be made during the first month of each succeeding year until said account is exhausted, except as provided in Section 5.1 or Section 5.3. 5.3Payment upon a Directorâ€™s Death. If a Director dies with any amount credited to his or her Deferred Fee Account, the value of said account shall be paid as soon as administratively practicable in a single payment to the Beneficiary (or in several payments to the Beneficiaries if more than one were named by the Director) or to the Directorâ€™s estate, as the case may be. ARTICLE VI - MISCELLANEOUS 6.1Directorâ€™s Rights Unsecured. Payments payable hereunder shall be payable out of the general assets of the Company, and no segregation of assets for such payments shall be made by the Company. The right of any Director or Beneficiary to receive payments from a Deferred Fee Account shall be a claim against the general assets of the Company as an unsecured general creditor. The Company may, in its absolute discretion, establish one or more trusts or reserves, 4Â Â which may be funded by reference to amounts of Credits standing in the Directorâ€™s Deferred Fee Accounts hereunder or otherwise. Any such trust or reserve shall remain subject to the claims of creditors of the Company. If any amounts held in a trust of the above described nature are found (due to the creation or operation of said trust) in a final decision by a court of competent jurisdiction, or under a â€œdeterminationâ€ by the Internal Revenue Service in a closing agreement in audit or final refund disposition (within the meaning of Section 1313(a) of the Internal Revenue Code of 1986, as amended), to have been includable in the gross income of a Director or Beneficiary prior to payment of such amounts from said trust, the trustee for the trust shall, as soon as practicable, pay to such Director or Beneficiary an amount equal to the amount determined to have been includable in gross income in such determination, and shall accordingly reduce the Directorâ€™s or Beneficiaryâ€™s future benefits payable under this Plan. The trustee shall not make any distribution to a Director or Beneficiary pursuant to this paragraph unless it has received a copy of the written determination described above, together with any legal opinion that it may request as to the applicability thereof. 6.2Responsibility for Taxes. The Director or Beneficiary is liable for any and all taxes that are applicable to the amounts payable under the Plan, including any taxes deemed payable prior to payment out of the Plan. 6.3NonÂassignability. The right of any Director or Beneficiary to the payment of Credits in a Deferred Fee Account shall not be assigned, transferred, pledged or encumbered and shall not be subject in any manner to alienation or anticipation. 6.4Administration and Interpretation. The Plan shall be administered by the Secretaryâ€™s office. Questions of construction and interpretation will be referred to the Chairman. The Chairmanâ€™s decision shall be final and binding. 6.5Amendment and Termination. The Plan may be amended, modified or terminated at any time by the Board. No amendment, modification or termination shall, without the consent of a Director, adversely affect such Directorâ€™s rights with respect to amounts theretofore credited to his or her Deferred Fee Account or earlier effect the payment of Fees already deferred. 6.6Notices. All notices to the Company under the Plan shall be in writing and shall be given to the Secretary or to an agent or other person designated by the Secretary. 6.7Governing Law. This Plan shall be construed in accordance with and governed by the laws of the Commonwealth of Pennsylvania, excluding any choice of law provisions, which may indicate the application of the laws of another jurisdiction. 5Â Â APPENDIX C ALCOA CORPORATION 2016 DEFERRED FEE PLAN FOR DIRECTORS APPENDIX C Terms Applicable to Directors in Canada Pursuant to Section 6.6 of the Alcoa Corporation 2016 Deferred Fee Plan for Directors, as amended (the "Plan"), the following provisions apply to participation in the Plan by any Director who is tax resident in Canada. Capitalized terms not defined in this Appendix C have the meanings set forth in the Plan. C-1.Form of Deferred Investment. Notwithstanding anything in the Plan to the contrary, including without limitation Section 3.5, a Director may not designate any portion of his or her Fees to be deferred and invested in the Investment Options; however, a Director may designate all or a portion of his or her Fees to be deferred and invested in Deferred Fee RSU Awards, pursuant to Section 3.6 of the Plan. C-2.Form of Payment. Notwithstanding anything in the Plan to the contrary, including without limitation Sections 3.3 and 5.2(c), a Director may not elect to receive installment payments of Fees deferred into Deferred Fee RSU Awards under the Plan or of Annual Equity Awards. All Fees deferred under the Plan and all Annual Equity Awards will be paid to the Director in a single lump sum payment following the Directorâ€™s separation from service, in accordance with Sections 5.2(a) and (b) of the Plan. C-3.No Payment upon Unforeseeable Emergency. Notwithstanding anything in the Plan to the contrary, including without limitation Section 5.1 of the Plan, no payment of any Fees deferred under the Plan or of any Annual Equity Award may be made upon an Unforeseeable Emergency (as defined in Section 2.1(bb) of the Plan). 1Â Â APPENDIX D ALCOA CORPORATION 2016 DEFERRED FEE PLAN FOR DIRECTORS APPENDIX D Terms Applicable to Directors in Australia Pursuant to Section 6.6 of the Alcoa Corporation 2016 Deferred Fee Plan for Directors, as amended (the "Plan"), the following provisions apply to participation in the Plan by any Director who is tax resident in Australia. Capitalized terms not defined in this Appendix D have the meanings set forth in the Plan. D-1.Maximum Deferral Period for Restricted Share Units. Notwithstanding anything in the Plan to the contrary, to the extent a Director elects to defer Fees into Deferred Fee RSU Awards or receives a grant of an Annual Equity Award, the latest permitted payment date for such deferred Restricted Share Units is December 15th of the calendar year that is 14 years following the year in which the applicable Deferred Fee RSU Award or Annual Equity Award is granted to the Director (the "Maximum Deferral Date"). Therefore, notwithstanding anything to the contrary in the Plan and regardless of any deferral election made by the Director, a Director who is tax resident in Australia will receive payment of any Deferred Fee RSU Award or Annual Equity Award at the earlier of (i) six (6) months following the Director's Separation from Service in accordance with Section 5.2(b) of the Plan or (ii) the Maximum Deferral Date, subject to Section 5.3 of the Plan in the case of the Director's death. D-2.Form of Payment for Restricted Share Units. Notwithstanding anything in the Plan to the contrary, including without limitation Sections 3.3 and 5.2(c), to the extent a Director elects to defer Fees into Deferred Fee RSU Awards or receives a grant of an Annual Equity Award, a Director may not elect to receive installment payments of such Deferred Fee RSU Awards or Annual Equity Award. All Deferred Fee RSU Awards and Annual Equity Awards will be paid to the Director in a single lump sum payment, in accordance with Sections 5.2(a) and (b) of the Plan, as modified by Section D-1 of this Appendix D. D-3.Subsequent Deferral Election. To the extent a Director elects to defer Fees into Deferred Fee RSU Awards or receives a grant of an Annual Equity Award, the Director may not make a subsequent deferral election to change the time and form of payment of the Deferred Fee RSUs or Annual Equity Award under Section 3.7 of the Plan. To the extent a Director elects to defer Fees into Investment Options, the Director may elect to change the time and form of payment of the deferred Investment Options covered by such election only once by submitting a payment election change at least (12) months prior to the date on which the deferred amount (or first installment thereof, as applicable) is scheduled to be paid (the "First Scheduled Payment Date") that will result in a delay of payment (or commencement of payment) of such deferred amount (i.e., a re-deferral) until the date that is at least five (5) years after the First Scheduled Payment Date. A payment election change is irrevocable upon receipt and shall not take effect until the first date that is at least twelve (12) months after the date of receipt. Notwithstanding anything in Section 3.7 of the Plan to the

contrary, any such change in the time and form of payment of deferred Fees will apply to and require a five (5) year re-deferral of all deferred Fees previously deferred into Investment Options under the Plan by the Director as of the date of such change. 1Â EX-31.1 6 aa-ex31_1.htm EX-31.1 EX-31.1 EXHIBIT 31.1 Certifications I, William F. Oplinger, certify that: 1.I have reviewed this quarterly report on Form 10-Q of Alcoa Corporation; 2.Based on my knowledge, this report does not contain any untrue statement of a material fact or omit to state a material fact necessary to make the statements made, in light of the circumstances under which such statements were made, not misleading with respect to the period covered by this report; 3.Based on my knowledge, the financial statements, and other financial information included in this report, fairly present in all material respects the financial condition, results of operations and cash flows of the registrant as of, and for, the periods presented in this report; 4.The registrantâ€™s other certifying officer and I are responsible for establishing and maintaining disclosure controls and procedures (as defined in Exchange Act Rules 13a-15(e) and 15d-15(e)) and internal control over financial reporting (as defined in Exchange Act Rules 13a-15(f) and 15d-15(f)) for the registrant and have: (a)Designed such disclosure controls and procedures, or caused such disclosure controls and procedures to be designed under our supervision, to ensure that material information relating to the registrant, including its consolidated subsidiaries, is made known to us by others within those entities, particularly during the period in which this report is being prepared; (b)Designed such internal control over financial reporting, or caused such internal control over financial reporting to be designed under our supervision, to provide reasonable assurance regarding the reliability of financial reporting and the preparation of financial statements for external purposes in accordance with generally accepted accounting principles; (c)Evaluated the effectiveness of the registrantâ€™s disclosure controls and procedures and presented in this report our conclusions about the effectiveness of the disclosure controls and procedures, as of the end of the period covered by this report based on such evaluation; and (d)Disclosed in this report any change in the registrantâ€™s internal control over financial reporting that occurred during the registrantâ€™s most recent fiscal quarter (the registrantâ€™s fourth fiscal quarter in the case of an annual report) that has materially affected, or is reasonably likely to materially affect, the registrantâ€™s internal control over financial reporting; and 5.The registrantâ€™s other certifying officer and I have disclosed, based on our most recent evaluation of internal control over financial reporting, to the registrantâ€™s auditors and the audit committee of the registrantâ€™s board of directors (or persons performing the equivalent functions): (a)All significant deficiencies and material weaknesses in the design or operation of internal control over financial reporting which are reasonably likely to adversely affect the registrantâ€™s ability to record, process, summarize and report financial information; and (b)Any fraud, whether or not material, that involves management or other employees who have a significant role in the registrantâ€™s internal control over financial reporting. Â Date: August 2, 2024 Â Â Â Â Â Â Â Â Â Â Â Â /s/ William F. Oplinger Â Â Â Â Name: William F. Oplinger Â Â Â Â Title: President and Chief Executive Officer Â Â Â Â EX-31.2 7 aa-ex31_2.htm EX-31.2 EX-31.2 EXHIBIT 31.2 Certifications I, Molly S. Beerman, certify that: 1.I have reviewed this quarterly report on Form 10-Q of Alcoa Corporation; 2.Based on my knowledge, this report does not contain any untrue statement of a material fact or omit to state a material fact necessary to make the statements made, in light of the circumstances under which such statements were made, not misleading with respect to the period covered by this report; 3.Based on my knowledge, the financial statements, and other financial information included in this report, fairly present in all material respects the financial condition, results of operations and cash flows of the registrant as of, and for, the periods presented in this report; 4.The registrantâ€™s other certifying officer and I are responsible for establishing and maintaining disclosure controls and procedures (as defined in Exchange Act Rules 13a-15(e) and 15d-15(e)) and internal control over financial reporting (as defined in Exchange Act Rules 13a-15(f) and 15d-15(f)) for the registrant and have: (a)Designed such disclosure controls and procedures, or caused such disclosure controls and procedures to be designed under our supervision, to ensure that material information relating to the registrant, including its consolidated subsidiaries, is made known to us by others within those entities, particularly during the period in which this report is being prepared; (b)Designed such internal control over financial reporting, or caused such internal control over financial reporting to be designed under our supervision, to provide reasonable assurance regarding the reliability of financial reporting and the preparation of financial statements for external purposes in accordance with generally accepted accounting principles; (c)Evaluated the effectiveness of the registrantâ€™s disclosure controls and procedures and presented in this report our conclusions about the effectiveness of the disclosure controls and procedures, as of the end of the period covered by this report based on such evaluation; and (d)Disclosed in this report any change in the registrantâ€™s internal control over financial reporting that occurred during the registrantâ€™s most recent fiscal quarter (the registrantâ€™s fourth fiscal quarter in the case of an annual report) that has materially affected, or is reasonably likely to materially affect, the registrantâ€™s internal control over financial reporting; and 5.The registrantâ€™s other certifying officer and I have disclosed, based on our most recent evaluation of internal control over financial reporting, to the registrantâ€™s auditors and the audit committee of the registrantâ€™s board of directors (or persons performing the equivalent functions): (a)All significant deficiencies and material weaknesses in the design or operation of internal control over financial reporting which are reasonably likely to adversely affect the registrantâ€™s ability to record, process, summarize and report financial information; and (b)Any fraud, whether or not material, that involves management or other employees who have a significant role in the registrantâ€™s internal control over financial reporting. Â Date: August 2, 2024 Â Â Â Â Â Â Â Â Â Â Â Â /s/ Molly S. Beerman Â Â Â Â Name: Molly S. Beerman Â Â Â Â Title: Executive Vice President and Chief Financial Officer Â Â EX-32.1 8 aa-ex32_1.htm EX-32.1 EX-32.1 EXHIBIT 32.1 Certification Pursuant to Section 906 of the Sarbanes-Oxley Act of 2002 Pursuant to Section 906 of the Sarbanes-Oxley Act of 2002 (subsections (a) and (b) of Section 1350, Chapter 63 of Title 18, United States Code), the undersigned officer of Alcoa Corporation, a Delaware corporation (the â€œCompanyâ€), does hereby certify that: 1.The Quarterly Report on Form 10-Q for the quarter ended June 30, 2024 (the â€œForm 10-Qâ€) of the Company fully complies with the requirements of section 13(a) or 15(d) of the Securities Exchange Act of 1934; and, 2.The information contained in the Form 10-Q fairly presents, in all material respects, the financial condition and results of operations of the Company. Â Date: August 2, 2024 Â Â /s/ William F. Oplinger Â Â Â Â Name: William F. Oplinger Â Â Â Â Title: President and Chief Executive Officer Â A signed original of this written statement required by Section 906, or other document authenticating, acknowledging, or otherwise adopting the signature that appears in typed form within the electronic version of this written statement required by Section 906, has been provided to the Company and furnished to the Securities and Exchange Commission or its staff upon request. The foregoing certification is being furnished to the Securities and Exchange Commission as an exhibit to the Form 10-Q and shall not be considered filed as part of the Form 10-Q. Â Â EX-32.2 9 aa-ex32_2.htm EX-32.2 EX-32.2 EXHIBIT 32.2 Certification Pursuant to Section 906 of the Sarbanes-Oxley Act of 2002 Pursuant to Section 906 of the Sarbanes-Oxley Act of 2002 (subsections (a) and (b) of Section 1350, Chapter 63 of Title 18, United States Code), the undersigned officer of Alcoa Corporation, a Delaware corporation (the â€œCompanyâ€), does hereby certify that: 1.The Quarterly Report on Form 10-Q for the quarter ended June 30, 2024 (the â€œForm 10-Qâ€) of the Company fully complies with the requirements of section 13(a) or 15(d) of the Securities Exchange Act of 1934; and, 2.The information contained in the Form 10-Q fairly presents, in all material respects, the financial condition and results of operations of the Company. Â Date: August 2, 2024 Â Â Â Â /s/ Molly S. Beerman Â Â Â Â Name: Molly S. Beerman Â Â Â Â Title: Executive Vice President and Chief Financial Officer Â A signed original of this written statement required by Section 906, or other document authenticating, acknowledging, or otherwise adopting the signature that appears in typed form within the electronic version of this written statement required by Section 906, has been provided to the Company and will be retained by the Company and furnished to the Securities and Exchange Commission or its staff upon request. The foregoing certification is being furnished to the Securities and Exchange Commission as an exhibit to the Form 10-Q and shall not be considered filed as part of the Form 10-Q. Â

Â GRAPHIC 10 img157305092_0.jpg GRAPHIC begin 644 img157305092_0.jpg M_]C_X 02D9)1@! ! ! ! # #! #__@ ? #! #__@ ? #! #__@ ? #
(L(QP-*^#Q-XJ#.Y=8? <8!0*<<3X1_.J">"V7?C>!Q2+<]2#Y W$
(@ M6 PN_#X/HI^@H<M0CO+JA58%#I8V_Z_SN@K=M3.Û GRAPHIC 10 img157305092_0.jpg M_]C_X 02D9)1@! 1 ! ! # #! #__@ ? #! #__@ ? #! #__@ ? #! #
M MA8Â:'B)H!;N+ÂÂ GRAPHIC begin 644 img157305092_0.jpg M_JC_ 02D9)1
(L(QP-*^#Q-XJ#.Y=8? <Â(L(QP..X_Â
2NGLK2+3["WLH?GS MXXYN9Â(L(Q#.[_Â2NGLK2+3["ÂXLK2+3 M

2NGLK2+3["WLH 1#;Q+%&â€™ M" EX-101.SCH 11 aa-20240630.xsd XBRL TAXONOMY EXTENSION SCHEMA WITH EMBEDDED LINKBASES DOCUMENT 100000 - Document - Document and Entity Information link:presentationLink link:calculationLink link:definitionLink 100010 - Statement - Statement of Consolidated Operations (unaudited) link:presentationLink link:calculationLink link:definitionLink 100020 - Statement - Statement of Consolidated Comprehensive Income (unaudited) link:presentationLink link:calculationLink link:definitionLink 100030 - Statement - Consolidated Balance Sheet (unaudited) link:presentationLink link:calculationLink link:definitionLink 100040 - Statement - Statement of Consolidated Cash Flows (unaudited) link:presentationLink link:calculationLink link:definitionLink 100050 - Statement - Statement of Changes in Consolidated Equity (unaudited) link:presentationLink link:calculationLink link:definitionLink 100060 - Statement - Statement of Changes in Consolidated Equity (unaudited) (Parenthetical) link:presentationLink link:calculationLink link:definitionLink 995455 - Disclosure - Basis of Presentation link:presentationLink link:calculationLink link:definitionLink 995465 - Disclosure - Recently Adopted and Recently Issued Accounting Guidance link:presentationLink link:calculationLink link:definitionLink 995475 - Disclosure - Acquisitions and Divestitures link:presentationLink link:calculationLink link:definitionLink 995485 - Disclosure - Restructuring and Other Charges, Net link:presentationLink link:calculationLink link:definitionLink 995495 - Disclosure - Segment Information link:presentationLink link:calculationLink link:definitionLink 995505 - Disclosure - Earnings Per Share link:presentationLink link:calculationLink link:definitionLink 995515 - Disclosure - Accumulated Other Comprehensive Loss link:presentationLink link:calculationLink link:definitionLink 995525 - Disclosure - Investments link:presentationLink link:calculationLink link:definitionLink 995535 - Disclosure - Receivables link:presentationLink link:calculationLink link:definitionLink 995545 - Disclosure - Inventories link:presentationLink link:calculationLink link:definitionLink 995555 - Disclosure - Goodwill link:presentationLink link:calculationLink link:definitionLink 995565 - Disclosure - Debt link:presentationLink link:calculationLink link:definitionLink 995575 - Disclosure - Pension and Other Postretirement Benefits link:presentationLink link:calculationLink link:definitionLink 995585 - Disclosure - Derivatives and Other Financial Instruments link:presentationLink link:calculationLink link:definitionLink 995595 - Disclosure - Income Taxes link:presentationLink link:calculationLink link:definitionLink 995605 - Disclosure - Asset Retirement Obligations link:presentationLink link:calculationLink link:definitionLink 995615 - Disclosure - Contingencies link:presentationLink link:calculationLink link:definitionLink 995625 - Disclosure - Other Financial Information link:presentationLink link:calculationLink link:definitionLink 995635 - Disclosure - Other Income, Net link:presentationLink link:calculationLink link:definitionLink 995645 - Disclosure - Supplier Finance Programs link:presentationLink link:calculationLink link:definitionLink 995655 - Disclosure - Subsequent Events link:presentationLink link:calculationLink link:definitionLink 995665 - Disclosure - Basis of Presentation (Policies) link:presentationLink link:calculationLink link:definitionLink 995675 - Disclosure - Restructuring and Other Charges, Net (Tables) link:presentationLink link:calculationLink link:definitionLink 995685 - Disclosure - Segment Information (Tables) link:presentationLink link:calculationLink link:definitionLink 995695 - Disclosure - Earnings Per Share (Tables) link:presentationLink link:calculationLink link:definitionLink 995705 - Disclosure - Accumulated Other Comprehensive Loss (Tables) link:presentationLink link:calculationLink link:definitionLink 995715 - Disclosure - Investments (Tables) link:presentationLink link:calculationLink link:definitionLink 995725 - Disclosure - Inventories (Tables) link:presentationLink link:calculationLink link:definitionLink 995735 - Disclosure - Goodwill (Tables) link:presentationLink link:calculationLink link:definitionLink 995745 - Disclosure - Pension and Other Postretirement Benefits (Tables) link:presentationLink link:calculationLink link:definitionLink 995755 - Disclosure - Derivatives and Other Financial Instruments (Tables) link:presentationLink link:calculationLink link:definitionLink 995765 - Disclosure - Income Taxes (Tables) link:presentationLink link:calculationLink link:definitionLink 995775 - Disclosure - Contingencies (Tables) link:presentationLink link:calculationLink link:definitionLink 995785 - Disclosure - Other Financial Information (Tables) link:presentationLink link:calculationLink link:definitionLink 995795 - Disclosure - Basis of Presentation - Additional Information (Detail) link:presentationLink link:calculationLink link:definitionLink 995805 - Disclosure - Recently Adopted and Recently Issued Accounting Guidance - Additional Information (Details) link:presentationLink link:calculationLink link:definitionLink 995815 - Disclosure - Acquisitions and Divestitures - Additional Information (Detail) link:presentationLink link:calculationLink link:definitionLink 995825 - Disclosure - Restructuring and Other Charges, Net - Additional Information (Detail) link:presentationLink link:calculationLink link:definitionLink 995835 - Disclosure - Restructuring and Other Charges, Net - Schedule of Restructuring and Other Charges, Net by Reportable Segments, Pretax (Detail) link:presentationLink link:calculationLink link:definitionLink 995845 - Disclosure - Restructuring and Other Charges, Net - Activity and Reserve Balances for Restructuring Charges (Detail) link:presentationLink link:calculationLink link:definitionLink 995855 - Disclosure - Segment Information - Schedule of Operating Results of Alcoa's Reportable Segments (Detail) link:presentationLink link:calculationLink link:definitionLink 995865 - Disclosure - Segment Information - Schedule of Segment Adjusted EBITDA to Consolidated Net Income (Loss) Attributable to Alcoa Corporation (Detail) link:presentationLink link:calculationLink link:definitionLink 995875 - Disclosure - Segment Information - Schedule of Sales by Product Division (Detail) link:presentationLink link:calculationLink link:definitionLink 995885 - Disclosure - Earnings Per Share - Schedule of Computation of Basic and Diluted EPS Attributable to Alcoa Corporation Common Shareholders (Detail) link:presentationLink link:calculationLink link:definitionLink 995895 - Disclosure - Earnings Per Share - Additional Information (Detail) link:presentationLink link:calculationLink link:definitionLink 995905 - Disclosure - Accumulated Other Comprehensive Loss - Summary of Changes in Accumulated Other Comprehensive (Loss) Income by Component (Detail) link:presentationLink link:calculationLink link:definitionLink 995915 - Disclosure - Accumulated Other Comprehensive Loss - Summary of Changes in Accumulated Other Comprehensive (Loss) Income by Component (Parenthetical) (Detail) link:presentationLink link:calculationLink link:definitionLink 995925 - Disclosure - Investments -

Summary of Unaudited Financial Information for Alcoa Corporation's Equity Investments (Detail) link:presentationLink link:calculationLink link:definitionLink 995935 - Disclosure - Investments - Additional Information (Detail) link:presentationLink link:calculationLink link:definitionLink 995945 - Disclosure - Receivables - Additional Information (Detail) link:presentationLink link:calculationLink link:definitionLink 995955 - Disclosure - Inventories - Schedule of Inventory Components (Detail) link:presentationLink link:calculationLink link:definitionLink 995965 - Disclosure - Goodwill - Additional Information (Details) link:presentationLink link:calculationLink link:definitionLink 995975 - Disclosure - Goodwill - Summary of Goodwill which is Included in Other Noncurrent Assets (Detail) link:presentationLink link:calculationLink link:definitionLink 995985 - Disclosure - Goodwill - Summary of Goodwill which is Included in Other Noncurrent Assets (Parenthetical) (Detail) link:presentationLink link:calculationLink link:definitionLink 995995 - Disclosure - Debt - Additional Information (Detail) link:presentationLink link:calculationLink link:definitionLink 996005 - Disclosure - Pension and Other Postretirement Benefits - Components of Net Periodic Benefit Cost (Detail) link:presentationLink link:calculationLink link:definitionLink 996015 - Disclosure - Pension and Other Postretirement Benefits - Additional Information (Detail) link:presentationLink link:calculationLink link:definitionLink 996025 - Disclosure - Pension and Other Postretirement Benefits - Summary of Information in Curtailment or Settlement of Benefits Requiring Remeasurement, Update to Discount Rates Used to Determine Benefit Obligations of Affected Plans (Detail) link:presentationLink link:calculationLink link:definitionLink 996035 - Disclosure - Derivatives and Other Financial Instruments - Additional Information (Detail) link:presentationLink link:calculationLink link:definitionLink 996045 - Disclosure - Derivatives and Other Financial Instruments - Schedule of Detail for Level 1 and 3 Derivatives (Detail) link:presentationLink link:calculationLink link:definitionLink 996055 - Disclosure - Derivatives and Other Financial Instruments - Schedule of Outstanding Quantities of Derivative Instruments (Detail) link:presentationLink link:calculationLink link:definitionLink 996065 - Disclosure - Derivatives and Other Financial Instruments - Schedule of Quantitative Information for Level 3 Derivative Contracts (Detail) link:presentationLink link:calculationLink link:definitionLink 996075 - Disclosure - Derivatives and Other Financial Instruments - Schedule of Fair Values of Level 3 Derivative Instruments Recorded as Assets and Liabilities (Detail) link:presentationLink link:calculationLink link:definitionLink 996085 - Disclosure - Derivatives and Other Financial Instruments - Schedule of Reconciliation of Activity for Derivative Contracts (Detail) link:presentationLink link:calculationLink link:definitionLink 996095 - Disclosure - Derivatives and Other Financial Instruments - Schedule of Carrying Values and Fair Values of Other Financial Instruments (Detail) link:presentationLink link:calculationLink link:definitionLink 996105 - Disclosure - Income Taxes - Additional Information (Detail) link:presentationLink link:calculationLink link:definitionLink 996115 - Disclosure - Income Taxes - Schedule of Income Taxes (Detail) link:presentationLink link:calculationLink link:definitionLink 996125 - Disclosure - Asset Retirement Obligations - Additional Information (Detail) link:presentationLink link:calculationLink link:definitionLink 996135 - Disclosure - Contingencies - Additional Information (Detail) link:presentationLink link:calculationLink link:definitionLink 996145 - Disclosure - Contingencies - Additional Information - 1 (Detail) link:presentationLink link:calculationLink link:definitionLink 996155 - Disclosure - Contingencies - Changes in Carrying Value of Recorded Environmental Remediation Reserves (Detail) link:presentationLink link:calculationLink link:definitionLink 996165 - Disclosure - Contingencies - Estimate Timing of Cash Outflows on Environmental Reserves (Detail) link:presentationLink link:calculationLink link:definitionLink 996175 - Disclosure - Other Financial Information - Schedule of Other (Income) Expenses, Net (Detail) link:presentationLink link:calculationLink link:definitionLink 996185 - Disclosure - Other Financial Information - Schedule of Other Noncurrent Assets (Detail) link:presentationLink link:calculationLink link:definitionLink 996195 - Disclosure - Other Financial Information - Additional Information (Details) link:presentationLink link:calculationLink link:definitionLink 996205 - Disclosure - Other Financial Information - Schedule of Cash and Cash Equivalents and Restricted Cash (Detail) link:presentationLink link:calculationLink link:definitionLink 996215 - Disclosure - Supplier Finance Programs - Additional Information (Detail) link:presentationLink link:calculationLink link:definitionLink 996225 - Disclosure - Subsequent Events - Additional Information (Details) link:presentationLink link:calculationLink link:definitionLink Minimum required cash contribution to pension plans Minimum Required Cash Contribution To Pension Plan Minimum required cash contribution to pension plan. Other Nonoperating Income Expense [Member] Other Nonoperating Income (Expense) [Member] Statement [Line Items] Statement [Line Items] Additional contract costs. Additional Contract Costs [Member] Contract Termination [Member] Schedule of Reconciliation of Activity for Derivative Contracts Fair Value Assets Liabilities Measured On Recurring Basis Unobservable Input Reconciliation [Text Block] Tabular disclosure of the fair value measurement of assets and liabilities using significant unobservable inputs (Level 3), a reconciliation of the beginning and ending balances, separately presenting changes attributable to the following: (1) total gains or losses for the period (realized and unrealized), segregating those gains or losses included in earnings (or changes in net assets), and gains or losses recognized in other comprehensive income (loss) and a description of where those gains or losses included in earnings (or changes in net assets) are reported in the statement of income (or activities); (2) purchases, sales, issues, and settlements (each type disclosed separately); and (3) transfers in and transfers out of Level 3 (for example, transfers due to changes in the observability of significant inputs) by class of asset and liability. Effect of dilutive securities: Weighted Average Number of Shares Outstanding, Diluted, Adjustment [Abstract] Debt Instrument [Axis] Charge recorded in provision for income taxes to establish liability for estimated loss Income Tax Examination, Estimate of Possible Loss Extended maturity date of credit facility Extended Maturity Date of Credit Facility Extended maturity date of credit facility. Reversals and other Restructuring Reserve, Translation and Other Adjustment Sale of investments Proceeds from Sale of Investment Projects Expected additional term for reuse of residue bed Expected Additional Term For Reuse Of Residue Bed Expected additional term for reuse of residue bed. Entity Address, Postal Zip Code Entity Address, Postal Zip Code Asset Retirement Obligations. Asset Retirement Obligations [Line Items] Asset Retirement Obligations [Line Items] Krone Capital Expenditures [Member] Norway, Krone Disposal Group Name Disposal Group Name [Axis] Non-service costs - pension and other postretirement benefits Pension and Other Postretirement Benefits Cost (Reversal of Cost) Pension and Other Postretirement Benefits Cost (Reversal of Cost), Total San Ciprian Facility [Member] San Ciprian Facility [Member] San ciprian facility. Fair Value Assets And Liabilities Measured On Recurring And Nonrecurring Basis [Table] Fair Value, Recurring and Nonrecurring [Table] Entity Incorporation, State or Country Code Entity Incorporation, State or Country Code Non-controlling and Equity Interest [Member] Noncontrolling And Equity Interest [Member] Noncontrolling and equity interest. Restructuring Charges, Total Restructuring Charges Restructuring charge Restructuring and other charges. Restructuring And Other Charges [Member] Restructuring and Other Charges [Member] Bauxite [Member] Bauxite [Member] Bauxite. Income Tax Authority, Name Income Tax Authority, Name [Domain] Foreign Exchange Forward Foreign Exchange Forward [Member] Service cost Defined Benefit Plan, Service Cost Other Noncash Income (Expense), Total Other Other Noncash Income (Expense) Fair Value Hierarchy and NAV Fair Value Hierarchy and NAV [Axis] Investments in and Advance to Affiliates, Subsidiaries, Associates, and Joint Ventures, Total Investments (H) Investments in and Advance to Affiliates, Subsidiaries, Associates, and Joint Ventures Gas supply prepayment Gas Supply Prepayment Gas supply prepayment. Acquisition and Divestitures Acquisition And Divestitures Disclosure [Text Block] Acquisition and divestitures. Other Comprehensive (Income) Loss, Defined Benefit Plan, before Reclassification Adjustment, Tax, Total Tax benefit Other Comprehensive (Income) Loss, Defined Benefit Plan, before Reclassification Adjustment, Tax Tax benefit (expense) Environmental and asset retirement obligation reserves. Environmental and Asset Retirement Obligation Reserves [Member] Environmental and Asset Retirement Obligation Reserves [Member] Fair Value Measurement Fair Value Measurement [Domain] Capital improvement costs. Capital Improvement Costs Capital improvement costs Certain Employee Obligations [Member] Certain employee obligations. Aggregate purchase consideration Business Combination, Consideration Transferred Business Combination, Consideration Transferred, Total Alcoa Corporation [Member] Alcoa Corporation [Member] Alcoa corporation. Joint venture recorded dispute charges with industrial utility. Joint Venture Recorded Dispute Charges With Industrial Utility Charges recorded Contingencies Commitments and Contingencies Disclosure [Text Block] Schedule Of Restructuring And Related Costs [Table] Restructuring Cost [Table] Product and Service Product and Service [Axis] 2024 [Member] Two Thousand Twenty Four [Member] Two Thousand Twenty Four. Letters of credit, amounts borrowed Line Of Credit Facility, Outstanding Amount During Period Line of credit facility, outstanding amount during period. Warrick Rolling Mill [Member] Warrick Rolling Mill [Member] Warrick Rolling Mill. Investment, Name Investment, Name [Domain] Provision for depreciation, depletion, and amortization Depreciation, Depletion and Amortization, Total Provision for depreciation, depletion, and amortization Depreciation, depletion, and amortization Depreciation, Depletion and Amortization Level 1 and 3 Derivative Instruments [Member] Derivative Instrument Level1 And3 [Member] Derivative instrument level 1 and 3. Sale of gross customer receivables Sale of Gross Customer Receivables Sale of Gross Customer Receivables Collaborative Arrangement and Arrangement Other than Collaborative [Domain] Goodwill [Table] SAUDI ARABIA SAUDI ARABIA Dividend, payable date Dividends Payable, Date to be Paid Contributions Minority Interest Increase Decrease From Capital Contribution From Noncontrolling Interest Holders The minority interest increase decrease from capital contribution from noncontrolling interest holders. Document Information [Table] Increase (decrease) in taxes, including income taxes Increase (Decrease) in Accrued Taxes Payable, Total Increase (Decrease) in Accrued Taxes Payable Other Postretirement Benefits [Member] Other Postretirement Benefits Plan [Member] Financial contributions for the divestiture of businesses (C) Payments For Financial Contributions For The Divestiture Of Businesses Payments for financial contributions for the divestiture of businesses. Work-in-process Inventory, Work in Process, Net of Reserves Schedule of Estimate Timing of Cash Outflows on Environmental Reserves Schedule Of Estimate Timing Of Cash Outflows On Environmental Reserves Table [Text Block] Tabular disclosure of estimate timing of cash outflows on environmental reserves. Take Or-Pay Contracts [Member] Take Or-Pay Contracts [Member] Take or-pay Contracts. Dividend, declared date Dividends Payable, Date Declared Intersegment Eliminations [Member] Intersegment Eliminations [Member] Entity Central Index Key Entity Central Index Key Income Tax (benefit) expense Income Tax Expense Benefit From Estimated Annualized Effective Tax Rate Income tax expense (benefit) from estimated annualized effective tax rate. Discrete tax expense Discrete Tax Benefit Expense Discrete tax (benefit) expense. Discrete tax (benefit) expense Income Taxes [Table] Income Taxes [Table] Income taxes. Former East St. Louis site. Former East St Louis Site [Member] Former East St. Louis Site [Member] Changes in assets and liabilities, excluding effects of divestitures and foreign currency translation adjustments: Increase (Decrease) in Operating Capital [Abstract] Corporate expenses Segment Reporting Information Corporate Expenses Segment reporting information corporate expenses. Spain [Member] San Ciprian (Spain) Strike [Member] SPAIN Curtailment loss after tax Defined Benefit Plan Recognized Net Gain Loss Due To Curtailments After Tax Defined benefit plan recognized net gain loss due to curtailments after tax. Fair Value, Liability, Recurring Basis, Unobservable Input Reconciliation, Liability, Gain (Loss), Statement of Other Comprehensive Income or Comprehensive Income [Extensible Enumeration] 2024 Plan Actions [Member] Two Thousand Twenty Four Action Plans [Member] Two thousand twenty four action plans. Other Noncurrent Assets [Member] Other Noncurrent Assets [Member] Balance at beginning of period Balance at end of period Accumulated Other Comprehensive Income (Loss), Foreign Currency Translation Adjustment, Net of Tax Decrease in prepaid expenses and other current assets Increase (Decrease) in Prepaid Expense and Other Assets Assumption of indebtedness Assumption of Indebtedness Assumption of indebtedness. Income Statement [Abstract] Receivables Financing Receivables [Text Block] Entity Address, State or Province Entity Address, State or Province Debt Instrument, Fair Value Disclosure, Total Long-term debt due within one year Debt Instrument, Fair Value Disclosure All Currencies [Domain] Consolidated income (loss) before income taxes Loss before income taxes Income (Loss) from Continuing Operations before Income Taxes, Noncontrolling Interest Value added tax refund received Value Added Tax Refund Received Value added tax refund received. Alcoa Corporation [Member] Parent [Member] Supplier Financing Supplier Financing [Text Block] Supplier financing. Reversed the allowance with credit of restructuring and other charges, net. Reversed Allowance With Credit Of Restructuring And Other Charges Net Reversed the allowance with credit of restructuring and other charges, net Due in June 2027 [Member] Due in June Two thousand and twenty-seven [Member] Due in June 2027. Recognized net actuarial loss Defined Benefit Plan, Amortization of Gain (Loss) Stock Awards and Stock Options [Member] Stock Awards And Stock Options [Member] Stock awards and stock options. Aluminum forecast sales Aluminum Forecasted Sales Designated As Fair Value Hedges In Kilo Metric Ton Aluminum forecasted sales designated as fair value hedges in kilo metric ton. Portion at Fair Value Measurement [Member] [Default] Fair Value Disclosure Item Amounts [Default] Portion at Fair Value Measurement [Member] Loss Contingencies [Table] Loss Contingencies [Table] Short-Term Debt, Total Short-term borrowings Short-Term Debt Business acquisition share Business Acquisition Share Business acquisition share. Retirement Plan Name [Domain] Investments Equity Method Investments and Joint Ventures Disclosure [Text Block] Basis in investment, due to share of losses Basis In Investment Due To Share Of Losses Basis in investment, due to share of losses. Credit facility expiration date Line Of Credit Facility, Expiration Date Dividend, date of record Dividends Payable, Date of Record Reversals of previously recorded liabilities Reversals of previously recorded liabilities Accrual for Environmental Loss Contingencies, Revision in Estimates Payment of dispute resolution practices income tax percentage Payment Of Disputed Tax Amount Percentage Payment of disputed tax amount, percentage. Restructuring and other charges, net Restructuring And Other Charges Net Restructuring and other charges net. Equity Method Investment, Nonconsolidated Investee Equity Method Investment, Nonconsolidated Investee [Domain] Maaden Alcoa Joint Venture [Member] Maaden Alcoa Joint Venture [Member] Ma'aden Alcoa joint venture. Unfavorable (favorable) tax impact related to losses in jurisdictions with no tax benefit (Favorable) unfavorable tax impact related to losses in jurisdictions with no tax benefit Unfavorable Favorable Impact Income Tax Expense Benefit Unfavorable (favorable) impact income tax expense benefit. Additional cash to be received upon satisfying post closing conditions Additional Cash To Be Received Upon Satisfying Post Closing Conditions Additional cash to be received upon satisfying post closing conditions. Cover [Abstract] Schedule of effects of benefit obligation remeasurement in curtailment and discount rates. Schedule Of Effects Of Benefit Obligation Remeasurement In Curtailment And Discount Rates Table [Text Block] Summary of Information in Curtailment or Settlement of Benefits Requiring Remeasurement, Update to Discount Rates Used to Determine Benefit Obligations of Affected Plans Subsequent Event [Line Items] Basic Earnings Per Share, Basic Earnings Per Share, Basic, Total Cash outlays Cash Outlays Cash outlays. Pension contributions (L) Payment for Pension Benefits Contract termination cost Contract Termination Cost Contract Termination Cost Environmental Loss Contingency, Statement of Financial Position [Extensible Enumeration] Value added tax receivable Value added tax receivable Income Tax Credits and Adjustments Consolidation Items Consolidation Items [Domain] Other Receivables [Member] Other receivables. Net (gain) loss on mark-to-market derivative instruments Net gain on mark-to-market derivative instruments Unrealized Gain (Loss) on Derivatives Accumulated deficit Retained Earnings (Accumulated Deficit) Retained Earnings (Accumulated Deficit), Total Australian Taxation Office [Member] Australian Taxation Office [Member] Segment Reporting [Abstract] (Gain) loss on mark-to-market derivative financial contracts Gain On Mark To Market Derivative Financial Contracts Gain on mark-to-market derivative financial contracts. Current assets: Assets, Current [Abstract] Dividends paid on Alcoa common stock Payments of Ordinary Dividends, Common Stock United States [Member] UNITED STATES Accounting Standards Update and Change in Accounting Principle [Abstract] Schedule Of Defined Benefit Plans Disclosures [Table] Defined Benefit Plan [Table] New Alcoa Preferred Stock [Member] Nonvoting Convertible Preferred Stock [Member] Nonvoting convertible preferred stock. CHESS Depositary Interests [Member] C H E S S Depositary Interests [Member] C H E S S Depositary Interests 2024 Restructuring Plans Action [Member] Twenty Twenty Four Restructuring Plan [Member] Twenty twenty four restructuring plan. AofA [Member] Alcoa Of Australia Limited [Member] Alcoa of Australia limited. Accumulated impairment losses Goodwill, Impaired, Accumulated Impairment Loss CASH PROVIDED FROM (USED FOR) OPERATIONS Net Cash Provided by (Used in) Operating Activities Commodity Sell Forwards [Member] Commodity Sell Forwards [Member] Commodity Sell Forwards. Fair Value of Derivative Contracts - Current [Member] Current Liabilities [Member] Current liabilities. Equity value of share Business Acquisition, Equity Interest Issued or Issuable, Value Assigned Product and Service Product and Service [Domain] Unrealized gain (loss) in accumulated other comprehensive loss Total Accumulated other comprehensive loss Accumulated other comprehensive loss (G) Accumulated Other Comprehensive Income (Loss), Net of Tax Debt Instrument [Line Items] Debt Instrument [Line Items] Restart costs. Restart Costs Restart costs Sales [Member] Sales [Member] Properties, plants, and equipment, net Property, Plant and Equipment, Net CASH FROM OPERATIONS Net Cash Provided by (Used in) Operating Activities [Abstract] Other income, net Fair Value Liabilities Measured On Recurring Basis Gain Loss Included In Other Income Expense Net Fair value liabilities measured on recurring basis gain loss included in other (income) expense, net. Type of Restructuring Type of Restructuring [Domain] Other Income and Expenses [Abstract] Intalco Aluminum Smelter [Member] Intalco Aluminum Smelter [Member] Intalco aluminum smelter. Restructuring and Related Activities [Abstract] Asset Retirement Obligations Asset Retirement Obligation Disclosure [Text Block] Derivatives Not Designated as Hedging Instruments [Member] Not Designated as Hedging Instrument [Member] ANHBV Credit Facility [Member] ANHBV credit facility. Spent pot lining treatment and disposal at alumar refinery. Spent Pot Lining Treatment And Disposal At Alumar Refinery [Member] Spent Pot Lining Treatment and Disposal at Alumar Refinery [Member] Measurement Input Type Measurement Input Type [Domain] Held for sale [Member] Disposal Group, Held-for-Sale, Not Discontinued Operations [Member] Taxes Payable, Current, Total Taxes, including income taxes Taxes Payable, Current Statement of Cash Flows [Abstract] Total Segment Adjusted EBITDA Segment Adjusted EBITDA Adjusted Ebitda Adjusted EBITDA. Derivative instrument maturity, start date Derivative Instrument Maturity Start Date Derivative instrument maturity start date. Antidilutive Securities, Name Antidilutive Securities, Name [Domain] Energy [Member] Energy [Member] Energy. Schedule of Other Noncurrent Assets Schedule of Other Assets, Noncurrent [Table Text Block] Long-term debt, less amount due within one year

Long-Term Debt, Fair Value Payment for civil fine Payments for Legal Settlements Payment for settlements to former employees Amortization of prior service benefit Amortization of prior service cost Defined Benefit Plan, Amortization of Prior Service Cost (Credit) Brazil value-added taxes. Valuation Allowance On Brazil Value Added Taxes [Member] Valuation Allowance on Brazil Value-Added Taxes [Member] Accounts, Notes, Loans and Financing Receivable [Line Items] Mining [Member] Mining [Member] Mining. Decrease in noncurrent liabilities Increase (Decrease) in Other Noncurrent Liabilities Entity Entity [Domain] $250 Japanese Yen Revolving Credit Facility [Member] Dollar Two Hundred and Fifty Japanese Yen Revolving Credit Facility [Member] $250 Japanese Yen revolving credit facility. Payment for settlement to former employees to be made. Payment for Settlement to Former Employees to be Made Payment for settlement to former employees to be made Equity Components Equity Components [Axis] Entity Address, Address Line One Entity Address, Address Line One Alcoa Preferred Stock [Member] Alcoa Preferred Stock [Member] Proposed administrative penalties Proposed Administrative Penalties Proposed administrative penalties. Schedule of Computation of Basic and Diluted EPS Attributable to Alcoa Corporation Common Shareholders Schedule of Earnings Per Share, Basic and Diluted [Table Text Block] Spent Pot Lining Treatment and Disposal [Member] Spent Pot Lining Treatment And Disposal [Member] Spent pot lining treatment and disposal. Employee-related Liabilities, Current, Total Accrued compensation and retirement costs Employee-related Liabilities, Current Severance and Employee Termination Costs [Member] Employee Severance [Member] Midwest aluminum premium Midwest Aluminum Premium Midwest aluminum premium. Business Disposition [Line Items] Business Disposition [Line Items] Business disposition. Hedging Designation Hedging Designation [Domain] Bauxite Residue Areas [Member] Bauxite Residue Areas [Member] Bauxite Residue Areas. Subsequent Event Type [Axis] Increase (Decrease) in Accounts Payable, Trade Decrease in accounts payable, trade Equity in net income (loss) of affiliated companies, before reconciling adjustments Income Loss From Equity Method Investment Before Reconciling Adjustments This item represents the entity's proportionate share for the period of the net income (loss) of its investee (such as unconsolidated subsidiaries and joint ventures) to which the equity method of accounting is applied before reconciling adjustments. Other (income) expenses, net (P) Other income (expenses), net (P) Other expenses, net Nonoperating Income (Expense), Total Nonoperating Income (Expense) Unsecured revolving credit facility Line of Credit Facility, Maximum Borrowing Capacity Aviles And La Coruna Facilities [Member] Aviles And La Coruna Facilities [Member] Aviles and La Coruna Facilities. Hedging Relationship Hedging Relationship [Axis] Distributions to noncontrolling interest Payments of Ordinary Dividends, Noncontrolling Interest Recently Adopted and Recently Issued Accounting Guidance Accounting Standards Update and Change in Accounting Principle [Text Block] Legal Entity of Counterparty, Type [Axis] Supplier Finance Programs. Supplier Finance Programs [Abstract] Other Segment Reporting Information Other Income Expense Net Segment reporting information other income expense net. Amendment Flag Amendment Flag Contributions from noncontrolling interest Proceeds from Noncontrolling Interests Less: Net income (loss) attributable to noncontrolling interest Net income (loss), Noncontrolling interest Net (income) loss attributable to noncontrolling interest Net Income (Loss) Attributable to Noncontrolling Interest, Total Net Income (Loss) Attributable to Noncontrolling Interest Long-term debt due within one year (K & M) Long-Term Debt and Lease Obligation, Current Long-Term Debt and Lease Obligation, Current, Total Net change in unrecognized gains/losses on cash flow hedges, Alcoa Corporation Other Comprehensive Income (Loss), Cash Flow Hedge, Gain (Loss), after Reclassification and Tax, Parent Interest Rate Contracts [Member] Interest Rate Contract [Member] Fair Value Net Derivative Asset Liability Measured On Recurring Basis Unobservable Input Reconciliation [Line Items] Fair Value, Net Derivative Asset (Liability) Measured on Recurring Basis, Unobservable Input Reconciliation [Line Items] Cash flow hedges (M) Effect of Cash Flow Hedges on Results of Operations [Abstract] Other Current Liabilities Other Current Liabilities [Member] Contract with Customer, Duration [Domain] Additional asset retirement obligation liabilities incurred Oil and Gas, Cost Incurred, Asset Retirement Obligation Line of credit assumed Finished goods Inventory, Finished Goods, Net of Reserves Debt Instrument, Name [Domain] Additional capital Additional Paid in Capital, Common Stock Series A Convertible Preferred Stock, Par Value $0.01 Per Share [Member] Series A Convertible Preferred Stock [Member] Series A Convertible Preferred Stock [Member] Extinguishment of Debt, Type [Domain] Restructuring Plan Restructuring Plan [Domain] Prepaid pension benefit Prepaid Pension Cost Non Current Prepaid Pension Cost Non current. Net periodic benefit cost Defined Benefit Plan, Net Periodic Benefit Cost (Credit) Receivables [Abstract] NET INCOME (LOSS) ATTRIBUTABLE TO ALCOA CORPORATION Other Other Stockholders' Equity, Other Net loss from asset sales Gain (Loss) on Disposition of Property Plant Equipment, Excluding Oil and Gas Property and Timber Property Equity Component Equity Component [Domain] Statistical Measurement Statistical Measurement [Domain] Alcoa Nederland holding BV. Alcoa Nederland Holding B V [Member] Alcoa Nederland Holding BV [Member] Proceeds from the sale of assets Proceeds from Sale of Property, Plant, and Equipment Proceeds from Sale of Property, Plant, and Equipment, Total Massena, New York [Member] Massena New York [Member] Massena, New York. Other, net Other Nonoperating Income (Expense), Total Other Nonoperating Income (Expense) Income tax benefits recorded in Cost of goods sold Income Tax Benefits Recorded in Cost of Goods Sold Income tax benefits recorded in cost of goods sold. Amortization of net actuarial gain/loss and prior service cost/benefit Other Comprehensive (Income) Loss, Defined Benefit Plan, Reclassification Adjustment from AOCI, before Tax, Total Other Comprehensive (Income) Loss, Defined Benefit Plan, Reclassification Adjustment from AOCI, before Tax Ma'aden Joint Venture [Member] Maaden Joint Venture [Member] Ma'aden joint venture. Disaggregation Of Revenue [Table] Disaggregation of Revenue [Table] Additions to debt Additions To Long Term Debt Issued Less Issuance Discount Long term debt issued less issuance discount. Schedule of Cash and Cash Equivalents and Restricted Cash Schedule Of Cash And Cash Equivalents And Restricted Cash Table [Text Block] Schedule of cash and cash equivalents and restricted cash table. Common Stock, Par Value $0.01 Per Share {Member} Common Stock, Par Value Zero Point Zero One Per Share [Member] Common stock, par value zero point zero one per share. Net income (loss) Net income (loss) Net loss Net Income (Loss), Including Portion Attributable to Noncontrolling Interest Pension and other postretirement benefits (L) Pension and Other Postretirement Benefits Cost (Reversal of Cost) [Abstract] Additional commitments for capital improvements spent between 2024 and 2025 Additional Commitments for Capital Improvements Between Year Two And Three Additional commitments for capital improvements between year two and three. Adjustment recorded Joint Venture Recorded Dispute Adjustment With Industrial Utility Joint venture recorded dispute adjustment with industrial utility. Proceeds from the exercise of employee stock options Proceeds from Stock Options Exercised Cost of goods sold (exclusive of expenses below) Cost of Goods and Service, Excluding Depreciation, Depletion, and Amortization Cost of Goods and Service, Excluding Depreciation, Depletion, and Amortization, Total Pension and Other Postretirement Benefits Retirement Benefits [Text Block] Net change in unrecognized gains/losses on cash flow hedges, Noncontrolling interest Other Comprehensive Income (Loss), Cash Flow Hedge, Gain (Loss), after Reclassification and Tax, Noncontrolling Interest Liabilities incurred Asset Retirement Obligation, Liabilities Incurred Lake Charles Anode Facility [Member] Lake Charles Anode Facility [Member] Lake Charles Anode Facility. Consolidation Items Consolidation Items [Axis] Embedded Credit Derivative [Member] Embedded Credit Derivative [Member] Embedded credit derivative. Prepaid expenses and other current assets Prepaid Expense and Other Assets, Current Noncurrent restricted cash Restricted Cash, Noncurrent Collaborative Arrangement and Arrangement Other than Collaborative [Axis] Class of Stock [Domain] Receivables purchase agreement transferred amount. Receivables Purchase Agreement Transferred Amount Amount decrease on receivables can be transferred Other Comprehensive (Income) Loss, Defined Benefit Plan, before Reclassification Adjustment, after Tax, Total Other Comprehensive (Income) Loss, Defined Benefit Plan, before Reclassification Adjustment, after Tax Total Other comprehensive income (loss) before reclassifications, net of tax Severance costs Severance Costs Other comprehensive income (loss) (G) Total Other comprehensive (loss) income, net of tax Other Comprehensive Income (Loss), Net of Tax, Total Other Comprehensive Income (Loss), Net of Tax Comprehensive Income (Loss), Net of Tax, Attributable to Parent Comprehensive (loss) income , Alcoa Corporation Payments to Acquire Investments, Total Additions to investments Payments to Acquire Investments Closed lake charles anode facility. Closed Lake Charles Anode Facility [Member] Closed Lake Charles Anode Facility [Member] 2023 [Member] Two Thousand Twenty Three [Member] Two thousand twenty three. Schedule of Income Taxes Schedule of Components of Income Tax Expense (Benefit) [Table Text Block] Ownership interest percentage Subsidiary, Ownership Percentage, Parent Antidilutive Securities Antidilutive Securities [Axis] Environmental remediation reserve balance, current Accrued Environmental Loss Contingencies, Current Ongoing remediation work. Ongoing Remediation Work [Member] Ongoing Remediation Work [Member] Defined Benefit Plan Disclosure [Line Items] Defined Benefit Plan Disclosure [Line Items] Discontinued Operations and Disposal Groups [Abstract] Fair value measurement, Assets, Other Fair value measurement, Assets, Other Fair Value Measurement With Unobservable Inputs Reconciliation Recurring Basis Asset Increase Decrease Other Fair value measurement with unobservable inputs reconciliation recurring basis asset increase decrease other. Entity Interactive Data Current Entity Interactive Data Current 2023 Restructuring Plans Action [Member] Twenty Twenty Three Restructuring Plan [Member] Twenty twenty three restructuring plan. Cost of Goods Sold [Member] Cost of Sales [Member] Business acquisition, shares issued Business Acquisition, Equity Interest Issued or Issuable, Number of Shares Legal Entity Type of Counterparty [Domain] Operating supplies Inventory, Supplies, Net of Reserves Retirement Plan Type Retirement Plan Type [Axis] Derivative [Table] Derivative [Table] Debt instrument redemption price percentage Debt Instrument, Redemption Price, Percentage Document Quarterly Report Document Quarterly Report Goodwill [Line Items] Consolidated Entities Consolidated Entities [Axis] Cash and cash equivalents and restricted cash, total Cash and cash equivalents and restricted cash at beginning of year CASH AND CASH EQUIVALENTS AND RESTRICTED CASH AT END OF PERIOD Cash, Cash Equivalents, Restricted Cash, and Restricted Cash Equivalents Balance Sheet Location Statement of Financial Position Location, Balance [Axis] Statistical Measurement Statistical Measurement [Axis] Bank guarantee Bank Guarantee Bank guarantee. Schedule Of Equity Method Investments [Table] Equity Method Investment [Table] Equity (income) loss, net of dividends Income (Loss) from Equity Method Investments, Net of Dividends or Distributions, Total Income (Loss) from Equity Method Investments Schedule of Changes in Carrying Value of Recorded Environmental Remediation Reserves Schedule Of Changes In Carrying Value Of Recorded Environmental Remediation Reserves Table [Text Block] Tabular disclosure of changes in carrying value of recorded environmental remediation reserves. Related Party Related and Nonrelated Parties [Domain] Level 3 Derivative Instruments [Member] Derivative Instrument Level3 [Member] Derivative instrument level 3. After March 15, 2027 [Member] Debt Instrument, Redemption, Period Three [Member] Asset Retirement Obligations [Member] Asset Retirement Obligations [Member] Asset retirement obligations. Foreign currency translation and other Accrual For Environmental Loss Contingencies Foreign Currency Translation Gain Loss And Other Accrual for environmental loss contingencies foreign currency translation gain (loss) and other. Fair value measurement, Assets, Beginning balance Fair value measurement, Assets, Ending balance Fair Value, Measurement with Unobservable Inputs Reconciliation, Recurring Basis, Asset Value Derivative [Line Items] Derivative [Line Items] Environmental And Asset Retirement. Environmental And Asset Retirement [Member] Foreign Jurisdiction [Member] Foreign Tax Jurisdiction [Member] Loss Contingency, Nature [Domain] Equity Method Investment, Nonconsolidated Investee or Group of Investees [Member] Equity Method Investment, Nonconsolidated Investee or Group of Investees [Member] Effect of Exchange Rate on Cash, Cash Equivalents, Restricted Cash, and Restricted Cash Equivalents, Continuing Operations, Total EFFECT OF EXCHANGE RATE CHANGES ON CASH AND CASH EQUIVALENTS AND RESTRICTED CASH Effect of Exchange Rate on Cash, Cash Equivalents, Restricted Cash, and Restricted Cash Equivalents, Continuing Operations Environmental Loss Contingency, Current, Statement of Financial Position [Extensible Enumeration] Ownership Ownership [Domain] Measurement Basis Measurement Basis [Axis] Income Statement Location Statement of Income Location, Balance [Axis] Schedule of Restructuring and Other Charges, Net by Reportable Segments, Pretax Schedule Of Restructuring Charges Net Before Income Tax Not Allocated To Reportable Segment Table [Text Block] Schedule of restructuring charges, net before income tax not allocated to reportable segment. Total assets Restructuring Type Restructuring Type [Axis] Total Other comprehensive (loss) income, net of tax, Noncontrolling interest Other Comprehensive Income (Loss), Net of Tax, Portion Attributable to Noncontrolling Interest, Total Other Comprehensive Income (Loss), Net of Tax, Portion Attributable to Noncontrolling Interest Debt Instrument [Table] Schedule of Long-Term Debt Instruments [Table] Alumina Limited Revolving Credit Facility [Member] Alumina Limited Revolving Credit Facility [Member] Alumina limited revolving credit facility. Amounts borrowed under the credit facility Proceeds from Long-Term Lines of Credit Ownership interest in joint venture Ownership Interest In Joint Venture Ownership interest in joint venture. Due in January 2026 [Member] Due in January Two thousand and twenty-six [Member] Due in January 2026. Noncurrent restricted cash Restricted Cash and Cash Equivalents, Noncurrent Restricted Cash and Cash Equivalents, Noncurrent, Total Ferndale, Washington [Member] Ferndale Washington [Member] Ferndale, Washington. Extinguishment of Debt [Axis] Entity Address, City or Town Entity Address, City or Town Accumulated other comprehensive (loss) income [Member] AOCI Attributable to Parent [Member] Equity [Abstract] Alcoa Corporations equity in net income (loss) of affiliated companies Income (Loss) from Equity Method Investments Alumina [Member] Alumina [Member] Alumina. Percentage of debt yield credit spread Derivative, Basis Spread on Variable Rate Two thousand twenty three action plan three. Two Thousand Twenty Three Action Plan Three [Member] Action# 3 [Member] Segments Segments [Axis] Components of Net Periodic Benefit Cost Schedule of Net Benefit Costs [Table Text Block] CANADA Canada [Member] Valuation allowance with credit to cost of goods sold. Valuation Allowance With Credit To Cost Of Goods Sold Valuation allowance with credit to cost of goods sold Restructuring and other charges, net (D) Restructuring and other charges, net Restructuring and other charges, net (D) Restructuring and Other Charges Benefit Net Restructuring and other charges (benefit) net. Interrelationship of forward energy price and contract price. Interrelationship Of Forward Energy Price And Contract Price [Member] Interrelationship of Forward Energy Price and Contract Price [Member] Cash payments Payments for Restructuring Stock units Incremental Common Shares Attributable to Dilutive Effect of Nonvested Shares with Forfeitable Dividends Other Sites [Member] Other Sites [Member] Other sites. Liabilities incurred Liabilities incurred Accrual for Environmental Loss Contingencies, Charges to Expense for New Losses Settlement gain after tax Defined Benefit Plan Recognized Net Gain Loss Due To Settlements1 After Tax Defined Benefit Plan Recognized Net Gain Loss Due To Settlements1 After Tax Alumina Limited [Member] Alumina Limited [Member] Alumina limited. Regulatory Asset [Axis] Hedging Relationship Hedging Relationship [Domain] Letters of credit Debt Instrument, Face Amount Fair value of derivative instruments (M) Derivative Liabilities Noncurrent Total liability derivatives Change in unrecognized net actuarial gain/loss and prior service cost/benefit related to pension and other postretirement benefits Other Comprehensive (Income) Loss, Defined Benefit Plan, after Reclassification Adjustment, after Tax, Total Other Comprehensive (Income) Loss, Defined Benefit Plan, after Reclassification Adjustment, after Tax Total Other comprehensive income (loss) Restructuring Cost and Reserve [Line Items] Restructuring Cost and Reserve [Line Items] Schedule Of Segment Reporting Information By Segment [Table] Schedule of Segment Reporting Information, by Segment [Table] Fair Value of Derivative Contracts - Current [Member] Current Assets [Member] Current assets. Aluminum [Member] Aluminum [Member] Aluminum. Action# 1 [Member] Two Thousand Twenty Four Action Plan One [Member] Two thousand twenty four action plan one. Proceeds from Sale of Long-term Investments Proceeds from Sale of Long-Term Investments 2029 [Member] Two Thousand Twenty Nine [Member] Two thousand twenty nine. Accumulated Other Comprehensive Income Loss [Line Items] Accumulated Other Comprehensive Income (Loss) [Line Items] Payment terms Payment Terms Payment Terms. Fair Value Disclosures [Abstract] Environmental activiteis Environmental Activities [Member] environmental activities. Environmental Activities [Member] Number of employees Entity Number of Employees Value added tax credits Value Added Tax Receivable, Noncurrent Third-party sales Segment Reporting Information Unrelated Party Sales Segment reporting information unrelated party sales. Tax assessment deposit Tax Assessment Deposit Tax assessment deposit. Tax expense Other Comprehensive Income (Loss), Cash Flow Hedge, Gain (Loss), Reclassification, Tax Deferred tax asset Deferred Tax Assets, Net of Valuation Allowance Deferred Tax Assets, Net of Valuation Allowance, Total San Ciprian Aluminum Smelter [Member] San Ciprian Aluminum Smelter [Member] San Ciprian Aluminum Smelter. Current liabilities: Liabilities, Current [Abstract] Document Type Document Type Other Payments for (Proceeds from) Other Investing Activities Energy Contracts [Member] Energy Related Derivative [Member] Cost, Product and Service [Extensible Enumeration] Asset impairments Asset Impairment Charges, Total Asset impairment charges Asset Impairment Charges Title of 12(b) Security Title of 12(b) Security Action #2 [Member] Two Thousand Twenty Four Action Plan Two [Member] Two thousand twenty four action plan two. Cash and cash equivalents (M) Cash and Cash Equivalents, at Carrying Value Cash and Cash Equivalents, at Carrying Value, Total Unrecognized net actuarial gain/loss and prior service cost/benefit Other Comprehensive (Income) Loss, Defined Benefit Plan, before Reclassification Adjustment and Tax, Total Other Comprehensive (Income) Loss, Defined Benefit Plan, before Reclassification Adjustment and Tax Balance Sheet Location Statement of Financial Position Location, Balance [Domain] Debt Instrument, Redemption, Period [Axis] Statement of Stockholders' Equity [Abstract] Contract with Customer, Duration [Axis] Fair value measurement, Liabilities, Beginning balance Fair value measurement, Liabilities, Ending balance Fair Value, Measurement with Unobservable Inputs Reconciliation, Recurring Basis, Liability Value Document Fiscal Period Focus Document Fiscal Period Focus Other comprehensive income (unrealized) Fair Value, Measurement with Unobservable Inputs Reconciliation, Recurring Basis, Liability, Gain (Loss) Included in Other Comprehensive Income (Loss) Research and development expenses Research and Development Expense Research and Development Expense, Total Payments related to tax withholding on stock-based compensation awards Payment, Tax Withholding, Share-Based Payment Arrangement Schedule of Outstanding Quantities of Derivative Instruments Schedule Of Outstanding Quantities Of Derivative Instruments Table [Text Block] Schedule of outstanding quantities of derivative instruments. Summary of Goodwill which is Included in Other Noncurrent Assets Schedule of Goodwill [Table Text Block] LME forward price London Metal

Exchange Forward Price London metal exchange forward price. Long-term debt, less amount due within one year (K & M) Long-Term Debt and Lease Obligation Long-Term Debt and Lease Obligation, Total Property, Plant and Equipment, Gross, Ending Balance Property, Plant and Equipment, Gross, Beginning Balance Property, Plant and Equipment, Gross, Total Properties, plants, and equipment Property, Plant and Equipment, Gross Principles of Consolidation Consolidation, Policy [Policy Text Block] Interest cost Defined Benefit Plan, Interest Cost Cash outlays expected year two. Cash Outlays Expected Two Cash outlays expected in 2025 Change in Control [Member] Debt Instrument, Redemption, Period Two [Member] Subsequent Event Type [Domain] Weighted average discount rate Defined Benefit Plan, Assumptions Used Calculating Benefit Obligation, Discount Rate Third-Party Sales [Member] Third Party Sales [Member] Third party sales. Derivative Instruments Gain Loss [Line Items] Derivative Instruments, Gain (Loss) [Line Items] Payment amount refund percentage Payment Amount Refund Percentage Payment amount refund percentage. Fair Value [Member] Estimate of Fair Value Measurement [Member] Foreign currency translation adjustments, Alcoa Corporation Other Comprehensive Income (Loss), Foreign Currency Transaction and Translation Adjustment, Net of Tax, Portion Attributable to Parent Environmental remediation (O) Environmental remediation (O) Operating Segments [Member] Operating Segments [Member] Activity and Reserve Balances for Restructuring Charges Schedule of Restructuring Reserve by Type of Cost [Table Text Block] Net periodic pension benefit cost (L) Defined Benefit Pension Plans Net Periodic Benefit Cost Defined benefit pension plans net periodic benefit cost. Transformation Segment Reporting Information Transformation Segment Reporting Information Transformation. Due in July 2026 [Member] Due in July Two thousand and twenty-six [Member] Due in July 2026. Agreed ratio value per share Business Acquisition, Share Price Financial Instruments Financial Instruments [Domain] INVESTING ACTIVITIES Net Cash Provided by (Used in) Investing Activities [Abstract] Repurchase of common stock Payments for Repurchase of Common Stock Reinvested collections from previously sold receivables Reinvested Collection From Previously Sold Receivables Reinvested collection from previously sold receivables. Environmental remediation work completion period Environmental Remediation Work Completion Period Environmental remediation work completion period. Sales Sales (E) Revenue from Contract with Customer, Excluding Assessed Tax Statement of Comprehensive Income [Abstract] Statement of Comprehensive Income [Abstract] Retirement Plan Name [Axis] Accumulated Other Comprehensive Income Loss [Table] Accumulated Other Comprehensive Income (Loss) [Table] Income Taxes Income Tax Disclosure [Text Block] Derivatives Designated as Hedging Instruments [Member] Designated as Hedging Instrument [Member] Foreign currency translation adjustments, Noncontrolling interest Other Comprehensive Income (Loss), Foreign Currency Transaction and Translation Adjustment, Net of Tax, Portion Attributable to Noncontrolling Interest Ownership Ownership [Axis] MRN [Member] M R N [Member] MRN. Consolidated Entities Consolidated Entities [Domain] Other Restructuring [Member] Other Restructuring [Member] Selling, general administrative, and other expenses Selling, General and Administrative Expense Selling, General and Administrative Expense, Total Repurchase of common stock Stock Repurchased During Period, Value Credit Facility Credit Facility [Domain] Other Income Loss From Equity Method Investments Reconciling Adjustments This item represents adjustments made to determine the entity's proportionate share for the period of the net income (loss) of its investee (such as unconsolidated subsidiaries and joint ventures) to which the equity method of accounting is applied. Capitalized asset retirement cost Oil and Gas, Capitalized Cost, before Accumulated Depreciation, Depletion, Amortization, and Valuation Allowance, Asset Retirement Debt instrument, frequency of periodic payment Debt Instrument, Frequency of Periodic Payment Net effect of tax withholding for compensation plans and exercise of stock options Net Effect Of Tax Withholding, Share Based Compensation Arrangement and Stock Options Exercised Net Effect Of Tax Withholding, Share Based Compensation Arrangement and Stock Options Exercised Other Proceeds from (Payments for) Other Financing Activities Entity Address, Address Line Two Entity Address, Address Line Two Intersegment sales Segment Reporting Information Intersegment Revenues Segment reporting information intersegment revenues. Document Period End Date Document Period End Date CASH PROVIDED FROM FINANCING ACTIVITIES Net Cash Provided by (Used in) Financing Activities Number of remediation projects Number Of Remediation Projects Number of remediation projects. 2027 [Member] Two Thousand Twenty Seven [Member] Two thousand twenty seven. Asset retirement obligations Asset Retirement Obligations, Noncurrent, Total Asset Retirement Obligations, Noncurrent Notices include claims for compounded interest on the tax amount Notices Include Claims For Compounded Interest On The Tax Amount Notices include claims for compounded interest on the tax amount. Accounts Payable [Member] MWh of Energy Needed to Produce Forecasted Mt of Aluminum at Rate of 4 Million MWh Per Year [Member] M Wh Of Energy Needed To Produce Forecasted Mt Of Aluminum At Rate Of4 Million M Wh Per Year [Member] MWh of Energy Needed to Produce Forecasted Mt of Aluminum at Rate of 4 Million MWh Per Year. Number of anti-dilutive securities Antidilutive Securities Excluded from Computation of Earnings Per Share, Amount Norway [Member] Euro Power Purchases, Norway [Member] NORWAY Carrying Value Reported Value Measurement [Member] Receivables previously secured by credit facility Receivables Purchase Agreement Reflects the maximum aggregate revolving value of trade receivables which can be sold. Restructuring Reserve, Total Restructuring reserve beginning balance Restructuring reserve ending balance Restructuring Reserve Percentage of penalty of the gross disallowed amount Percentage Of Penalty On Amount Of Additional Taxes Due Percentage of penalty on amount of additional taxes due. Receivables Purchase Agreement [Member] Receivables Purchase Agreement Member Receivables purchase agreement. APIC, Share-Based Payment Arrangement, Increase for Cost Recognition, Total Stock-based compensation APIC, Share-Based Payment Arrangement, Increase for Cost Recognition Goodwill Goodwill Disclosure [Text Block] Fair value of derivative instruments (M) Derivative Liabilities Current Total liability derivatives Fair Value Net Derivative Asset Liability Measured On Recurring Basis Unobservable Input Reconciliation [Table] Fair Value, Net Derivative Asset (Liability) Measured on Recurring Basis, Unobservable Input Reconciliation [Table] Business acquisition, shares exchanged Business Acquisition Shares Outstanding Exchanged Business acquisition shares outstanding exchanged. Fair value measurement, Liabilities, Other Fair Value Measurement With Unobservable Inputs Reconciliation Recurring Basis Liabilities Increase Decrease Other Fair value measurement with unobservable inputs reconciliation recurring basis liabilities increase decrease other. Provision for income taxes Provision for income taxes Provision for income taxes Income Tax Expense (Benefit) Fair Value, Liability, Recurring Basis, Unobservable Input Reconciliation, Gain (Loss), Statement of Income or Comprehensive Income [Extensible Enumeration] Accrued environmental reserves Total Beginning balance Ending balance Accrual for Environmental Loss Contingencies Annual capacity of production Annual Capacity of Production Annual income capacity of production. Cash outlays expected over next three years Cash Outlays Expected Over Next Three Years Cash outlays expected over next three years. Income Tax Authority, Name Income Tax Authority, Name [Axis] Trading Symbol Trading Symbol Business Combinations [Abstract] Stockholders' Equity Attributable to Parent, Ending Balance Stockholders' Equity Attributable to Parent, Beginning Balance Total Alcoa Corporation shareholders' equity Equity, Attributable to Parent Thereafter Accrual for Environmental Loss Contingency, Undiscounted, to be Paid, after Year Five Schedule of Investments [Abstract] Other Comprehensive Income (Loss), Cash Flow Hedge, Gain (Loss), after Reclassification and Tax, Total Net change in unrecognized gains/losses on cash flow hedges Other Comprehensive Income (Loss), Cash Flow Hedge, Gain (Loss), after Reclassification and Tax Expected return on plan assets Defined Benefit Plan, Expected Return (Loss) on Plan Assets Deferred tax assets Deferred Tax Assets, Gross Deferred Tax Assets, Gross, Total Derivative Instrument Derivative Instrument [Axis] Derivative instruments, expiration month and year Derivative Instrument Maturity Month And Year Derivative instrument, maturity month and year. Goodwill Goodwill Goodwill, Ending Balance Goodwill, Beginning Balance Goodwill, Total Change in accounting principle, accounting standards update, adopted [true false] Change in Accounting Principle, Accounting Standards Update, Adopted [true false] Fair value measurement, Liabilities Fair Value, Measurement with Unobservable Inputs Reconciliation, Recurring Basis, Liability, Gain (Loss) Included in Earnings Other [Member] Segment Reporting, Reconciling Item, Excluding Corporate Nonsegment [Member] Disposal Group Classification Disposal Group Classification [Axis] Measurement Input Type Measurement Input Type [Axis] Deferred Income Tax Expense (Benefit), Total Deferred income taxes Deferred Income Tax Expense (Benefit) Geographical Geographical [Axis] Cash outlays includes existing employee related liabilities and asset retirement obligations expected through 2025 Cash Outlays remainder Of Fiscal Year and Year One Cash outlays remainder of fiscal year and year one. Other comprehensive income (unrealized) Other comprehensive (loss) income (unrealized) Fair Value, Measurement with Unobservable Inputs Reconciliation, Recurring Basis, Asset, Gain (Loss) Included in Other Comprehensive Income (Loss) Fair value of derivative instruments (M) Derivative Assets Current Total asset derivatives Deferred mining costs, net Deferred Costs, Noncurrent Deferred Costs, Noncurrent, Total Cash payments Payments against the reserve Accrual for Environmental Loss Contingencies, Payments Business acquisition, shares outstanding Business Acquisition, Shares Outstanding Business Acquisition, shares outstanding. Proceeds from issuance of public debt offering Proceeds from Issuance of Long-Term Debt Proceeds from Issuance of Long-Term Debt, Total Total share of this dispute Other Operating Income (Expense), Net Quarterly cash dividend declared per share Cash dividend per share Dividends Payable, Amount Per Share Longview, Washington. Longview, Washington [Member] Wenatchee facility. Wenatchee Facility [Member] Wenatchee (Washington) [Member] Scenario Scenario [Axis] MWh of Energy Needed to Produce Forecasted Mt of Aluminum at Rate of 2 Million MWh Per Year. M Wh Of Energy Needed To Produce Forecasted Mt Of Aluminum At Rate Of2 Million M Wh Per Year [Member] MWh of Energy Needed to Produce Forecasted Mt of Aluminum at Rate of 2 Million MWh Per Year [Member] Security Exchange Name Security Exchange Name Total amount reclassified from Accumulated other comprehensive loss, net of tax Other Comprehensive Income (Loss), Cash Flow Hedge, Gain (Loss), Reclassification, after Tax Commitments For Capital Improvement Costs Commitments For Capital Improvement Costs Commitment for capital improvement costs. Aluminum Contracts [Member] Aluminum Contracts [Member] Aluminum contracts. Dividends paid on Alcoa common stock ($0.10 per share) Dividends, Common Stock, Total Dividends, Common Stock AWAC [Member] Alcoa World Alumina And Chemicals [Member] Alcoa world alumina and chemicals. Business Acquisition, Acquiree [Domain] Due in October 2025 [Member] Due in October Two thousand and twenty-five [Member] Due in October 2025. Active or future remediation for significant sites Accrual Environmental Loss Active Remediation Future Remediation For Significant Individual Sites Accrual environmental loss active remediation future remediation for significant individual sites. Magnesium Smelter Facility in Addy [Member] Magnesium Smelter Facility In Addy [Member] Magnesium smelter facility in Addy. Cash Flow Hedging [Member] Cash Flow Hedging [Member] Loss Contingency Nature [Axis] Class of Stock [Axis] Accumulated Depreciation, Depletion and Amortization, Property, Plant, and Equipment, Ending Balance Accumulated Depreciation, Depletion and Amortization, Property, Plant, and Equipment, Beginning Balance Accumulated Depreciation, Depletion and Amortization, Property, Plant, and Equipment, Total Less: accumulated depreciation, depletion, and amortization Accumulated Depreciation, Depletion and Amortization, Property, Plant, and Equipment Legal Entity Legal Entity [Axis] Legal disputes related to two thousand nineteen divestiture. Legal Disputes Related To Two Thousand Nineteen Divestiture [Member] Legal Disputes Related to 2019 Divestiture [Member] Action# 1 [Member] Two Thousand Twenty Three Action Plan One [Member] Two Thousand Twenty Three Action Plan One [Member] Change in unrecognized net actuarial gain/loss and prior service cost/benefit related to pension and other postretirement benefits, Noncontrolling interest Other Comprehensive (Income) Loss, Defined Benefit Plan, after Tax and Reclassification Adjustment, Attributable to Noncontrolling Interest Derivative, expiration date Derivative, Contract End Date Regulatory Asset [Domain] Derivatives and Other Financial Instruments Fair Value Disclosures [Text Block] Non-controlling interest, ownership percentage Subsidiary, Ownership Percentage, Noncontrolling Owner Subsequent Event [Member] Subsequent Event [Member] Maximum [Member] Maximum [Member] Unsold customer receivables as collateral sold receivables Unsold Customer Receivables As Collateral Sold Receivables Unsold Customer Receivables As Collateral Sold Receivables. Restructuring and Other Charges, Net Restructuring and Related Activities Disclosure [Text Block] Total liabilities and equity Liabilities and Equity Premium paid on early redemption of debt Gain (Loss) on Extinguishment of Debt Gain (Loss) on Extinguishment of Debt, Total Retirement Plan Sponsor Location Retirement Plan Sponsor Location [Domain] Retirement Benefits [Abstract] Liabilities recorded from disposal group including discontinued operation. Liabilities Recorded From Disposal Group Including Discontinued Operation Remaining reserve Diluted Earnings Per Share, Diluted Earnings Per Share, Diluted, Total Euro Power Purchases [Member] Euro Member Countries, Euro Financial Contracts [Member] Finance Related Derivative [Member] Finance related derivative. ELYSIS TM Limited Partnership [Member] Elysis Limited Partnership [Member] Elysis Limited Partnership. Total liabilities Liabilities Basis Of Presentation [Table] Basis Of Presentation [Table] Basis of Presentation [Table] Foreign Exchange Contract [Member] Foreign Exchange Contract [Member] Distributions Noncontrolling Interest, Decrease from Distributions to Noncontrolling Interest Holders Fair Value Hierarchy and NAV Fair Value Hierarchy and NAV [Domain] Total current assets Assets, Current CASH USED FOR INVESTING ACTIVITIES Net Cash Provided by (Used in) Investing Activities Noncurrent portion of the reserve Restructuring Reserve, Noncurrent Business acquision, number of shares Business Acquisition Number Of Shares Business acquisition number of shares Repurchase of inventory related to agreement Repurchase of Inventory Related to Agreement Repurchase of inventory related to agreement. Forecast [Member] Forecast [Member] Entity Filer Category Entity Filer Category Two thousand twenty action plan two. Two Thousand Twenty Action Plan Two [Member] Action# 2 [Member] Business acquisition, shares converted into equivalent Business Acquisition, Shares Converted Into Equivalent Business acquisition, shares converted into equivalent. Debt Instrument, Redemption, Period [Domain] Unrecognized losses Equity Method Investment Unrecognized Gain Loss Equity method investment unrecognized gain (loss). 2036 [Member] Two Thousand Thirty Six [Member] Two thousand thirty six. Total equity Balance Balance Equity, Including Portion Attributable to Noncontrolling Interest Other financial information. Other Financial Information [Abstract] Current Fiscal Year End Date Current Fiscal Year End Date EQUITY Equity, Including Portion Attributable to Noncontrolling Interest [Abstract] Fair Value Assets And Liabilities Measured On Recurring And Nonrecurring Basis [Line Items] Fair Value, Assets and Liabilities Measured on Recurring and Nonrecurring Basis [Line Items] Intalco facility. Intalco Facility [Member] Intalco [Member] Non-controlling Interest [Member] Noncontrolling Interest [Member] Counterparty [Member] Individual Counterparty [Member] Fair Value of Derivative Contracts - Noncurrent [Member] Noncurrent Liabilities [Member] Noncurrent liabilities. Interrelationship of Forward Energy Price, LME Forward Price and Consumer Price Index [Member] Interrelationship Of Forward Energy Price L M E Forward Price And Consumer Price Index [Member] Interrelationship of forward energy price, LME forward price and consumer price index. Share-Based Payment Arrangement, Noncash Expense, Total Stock-based compensation Share-Based Payment Arrangement, Noncash Expense Commodity Contract Commodity Contract [Member] Related Party Related and Nonrelated Parties [Axis] Schedule of Segment Adjusted EBITDA to Consolidated Net Income (Loss) Attributable to Alcoa Corporation Schedule Of Segment Reporting Information To Consolidate Net Income Loss Attributable To Parent Table [Text Block] Schedule of segment reporting information to consolidate net income loss attributable to parent. (Increase) decrease in receivables Increase (Decrease) in Receivables, Total Increase (Decrease) in Receivables MWh of Energy Needed to Produce Forecasted Mt of Aluminum at Rate of 18 Million MWh Per Year [Member] M Wh Of Energy Needed To Produces Forecasted Mt Of Aluminum At Rate Of18 Million M Wh Per Year [Member] MWh of energy needed to produces forecasted Mt of aluminum at rate of 18 million MWh per year. Defined benefit plan number of plan participants affected. Defined Benefit Plan Number Of Plan Participants Affected Number of employees affected the change in defined benefit plans Number of affected plan participants Schedule of Quantitative Information for Level 3 Derivative Contracts Fair Value Inputs Assets Liabilities Quantitative Information Table [Text Block] Tabular disclosure of quantitative information about the inputs used in the fair value measurement of assets and liabilities. This disclosure may include, but is not limited to, the fair value of the asset or liability, valuation technique used to measure fair value, the inputs used to measure fair value, the ranges of the inputs, and the weighted averages of the inputs. Entity Registrant Name Entity Registrant Name Pension Benefits Settlement [Member] Pension benefits settlement [Member] Segment reporting, goodwill Segment Reporting Reconciling Items Goodwill Assets Segment reporting reconciling items goodwill assets. Aviles And La Coruna Spain Aluminum Facilities [Member] Avilés and La Coruña (Spain) aluminum facilities. Aviles and La Coruna Facilities [Member] Cost of Revenue, Total Cost of goods sold Cost of Revenue Earnings Per Share Earnings Per Share [Text Block] Entity Emerging Growth Company Entity Emerging Growth Company Real Estate Property Ownership Real Estate Property Ownership [Axis] Equity Method Investments and Joint Ventures [Abstract] Other current liabilities Other Liabilities, Current Weighted Average Number of Shares Outstanding, Basic, Total Average shares outstanding — basic Weighted Average Number of Shares Outstanding, Basic Loss Contingencies [Line Items] Loss Contingencies [Line Items] Number of employees associated with employee termination and severance costs Restructuring and Related Cost, Number of Positions Eliminated Balance at beginning of period Balance at end of period AOCI, Cash Flow Hedge, Cumulative Gain (Loss), after Tax Schedule Of Equity Method Investments [Line Items] Schedule of Equity Method Investments [Line Items] Mineracao Rio do Norte S.A [Member] Mineracao Rio Do Norte S A [Member] Mineracao Rio Do Norte S.A. Real Estate Properties Real Estate Properties [Domain] Brazil [Member] BRAZIL Accrued other postretirement benefits (L) Liability, Other Postretirement Defined Benefit Plan, Noncurrent Commodity Buy Forwards [Member] Commodity Buy Forwards [Member] Commodity Buy Forwards. Equity Method Investment, Nonconsolidated Investee Equity Method Investment, Nonconsolidated Investee [Axis] 7.125% Notes, due 2031 [Member] Seven Point One Two Five Percentage Senior Notes Due Two Thousand And Thirty One [Member] Seven point one two five percentage senior notes due two thousand and thirty one. Level 1 [Member] Fair Value, Inputs, Level 1 [Member] Debt Disclosure [Abstract] Estimated Spread Between The Respective 30-Year Debt Yield Of Alcoa Corporation And The Counterparty [Member] Estimated Spread Between The Respective Thirty Year Debt Yield Of Alcoa Corporation And The Counterparty [Member] Estimated spread between the respective thirty year debt yield of Alcoa Corporation and the counterparty. Derivative Instruments

Gain Loss By Hedging Relationship By Income Statement Location By Derivative Instrument Risk [Table] Derivative Instruments, Gain (Loss) [Table] Financial Instrument Financial Instrument [Axis] Accumulated Other Comprehensive Income (Loss), Net of Tax [Abstract] Power Contract [Member] Power Related Derivative [Member] Power Related Derivative [Member]. Tax (expense) benefit Other Comprehensive Income (Loss), Cash Flow Hedge, Gain (Loss), before Reclassification, Tax Shares Issued, Value, Share-Based Payment Arrangement, after Forfeiture, Total Common stock issued: compensation plans Shares Issued, Value, Share-Based Payment Arrangement, after Forfeiture Other Receivables, Net, Current, Total Other receivables Other Receivables, Net, Current Accumulated Other Comprehensive Loss Comprehensive Income (Loss) Note [Text Block] Accrued pension benefits (L) Liability, Defined Benefit Pension Plan, Noncurrent Goodwill impairment Goodwill, Impairment Loss Schedule Of Business Dispositions By Disposition [Table] Schedule Of Business Dispositions By Disposition [Table] Schedule Of Business Dispositions By Disposition [Table] Summary of Changes in Accumulated Other Comprehensive (Loss) Income by Component Schedule of Accumulated Other Comprehensive Income (Loss) [Table Text Block] Fair value measurement with unobservable inputs reconciliation recurring basis asset increase decrease settlements and other. Fair Value Measurement With Unobservable Inputs Reconciliation Recurring Basis Asset Increase Decrease Settlements And Other Settlements and other Settlement of certain other postretirement benefits Settlement gain Settlement of certain other postretirement benefits Settlements Settlements Restructuring Plan Restructuring Plan [Axis] Other Other Assets, Miscellaneous, Noncurrent Environmental and Demolition Obligation [Member] Environmental and demolition obligation. Long-Term Line of Credit, Total Line of credit facility, outstanding borrowings Long-Term Line of Credit Supplier Finance Programs Supplier Finance Programs [Text Block] Supplier Finance Programs. Income Tax Disclosure [Abstract] Income tax benefits due to inflation reduction act tax credits Income Tax Benefits due to Inflation Reduction Act Tax Credits Income tax benefits due to inflation reduction act tax credits. Purchased raw materials Inventory, Raw Materials, Net of Reserves Alcoa Corporation shareholders' equity: Equity, Attributable to Parent [Abstract] Cash collections from previously sold receivables yet to be reinvested Cash Collections From Previously Sold Receivables Yet to be Reinvested Cash collections from previously sold receivables yet to be reinvested. 2022 Restructuring Plans Action [Member] Twenty Twenty Two Restructuring Plan [Member] Twenty twenty two restructuring plan. Corporate Segment [Member] Corporate Segment [Member] Disposal Group Name Disposal Group Name [Domain] Statement [Table] Statement [Table] Other costs Inventory Write-down New Accounting Pronouncement or Change in Accounting Principle, Description Foreign Exchange Sell Forwards [Member] Foreign Exchange Sell Forwards [Member] Foreign Exchange Sell Forwards [Member] Comprehensive Income (Loss), Net of Tax, Attributable to Noncontrolling Interest, Total Comprehensive Income (Loss), Net of Tax, Attributable to Noncontrolling Interest Comprehensive (loss) income , Noncontrolling interest Subsequent Event [Table] U.S. dollar Aluminum Sales, Australia [Member] AUSTRALIA Australia [Member] Short term borrowings of inventory related to agreement. Short Term Borrowings Of Inventory Related To Agreement Borrowings of inventory related to agreement Alcoa World Alumina Brasil [Member] Alcoa World Alumina Brasil [Member] Alcoa World Alumina Brasil (AWAB). AWAB [Member] Disposal Group Classification Disposal Group Classification [Domain] Total sales Revenue from Contract with Customer, Including Assessed Tax Entity File Number Securities Act File Number Segment Information Segment Reporting Disclosure [Text Block] Net change in cash and cash equivalents and restricted cash Cash, Cash Equivalents, Restricted Cash, and Restricted Cash Equivalents, Period Increase (Decrease), Including Exchange Rate Effect EARNINGS PER SHARE ATTRIBUTABLE TO ALCOA CORPORATION COMMON SHAREHOLDERS (F): Earnings Per Share [Abstract] Nonoperating expense (Expense) [Member] Other Expenses, Net [Member] Fair Value Assets Measured On Recurring Basis Unobservable Input Reconciliation [Table] Fair Value, Assets Measured on Recurring Basis, Unobservable Input Reconciliation [Table] Inventory Disclosure [Abstract] Miscellaneous charges. Other Miscellaneous Charges [Member] Other Item Charges [Member] Statement of Financial Position [Abstract] Summary of Unaudited Financial Information for Alcoa Corporation's Equity Investments Equity Method Investments [Table Text Block] Interest expense Interest Expense, Total Interest expense Interest Expense, Operating and Nonoperating Reserve for divestiture Reserve For Financial Contributions For Divestiture Of Businesses Reserve for financial contributions for divestiture of businesses. Cash outlays expected through 2025 Cash outlays expected year one. Cash Outlays Expected Year One Derivative Assets Total asset derivatives Derivative Assets, Fair value Derivative Asset Corporate [Member] Segment Reporting, Reconciling Item, Corporate Nonsegment [Member] Entity Shell Company Entity Shell Company Entity Tax Identification Number Entity Tax Identification Number ASSETS Assets [Abstract] Entity Current Reporting Status Entity Current Reporting Status Current restricted cash Restricted Cash and Cash Equivalents, Current Restricted Cash and Cash Equivalents, Current, Total Remediation at previously closed sites. Remediation At Previously Closed Sites [Member] Remediation at Previously Closed Sites [Member] Subsequent Events [Abstract] Inventories Inventory Disclosure [Text Block] Cash outlays to be spent in 2024 Cash Outlays, Remainder of Fiscal Year Cash outlays, remainder of fiscal year. Geographical Geographical [Domain] Document Fiscal Year Focus Document Fiscal Year Focus Change in accounting principle, accounting standards update, adoption date Change in Accounting Principle, Accounting Standards Update, Adoption Date Payments on debt Repayments of Long-Term Debt Repayments of Long-Term Debt, Total Debt position exceeds Business Acquisition Debt Position Exceeds Business acquisition debt position exceeds. Reduction in current year cash tax payment Tax Adjustments, Settlements, and Unusual Provisions Business Acquisition [Axis] Total Other comprehensive income (loss) before reclassifications, net of tax Other Comprehensive Income (Loss), Cash Flow Hedge, Gain (Loss), before Reclassification, after Tax City Area Code City Area Code Total consideration Disposal Group, Including Discontinued Operation, Consideration Total current liabilities Liabilities, Current Derivative Contract Derivative Contract [Domain] Inventory sold Inventories (J) Inventories, total Inventory, Net Effective federal statutory tax rate Effective Income Tax Rate Reconciliation, at Federal Statutory Income Tax Rate, Percent Basis Of Presentation [Line Items] Basis Of Presentation [Line Items] Basis of Presentation [Line Items] Realized gain (loss) reclassed from Other comprehensive loss to earnings Net amount reclassified to earnings Other Comprehensive Income (Loss), Cash Flow Hedge, Gain (Loss), Reclassification, before Tax Offsetting [Abstract] Bauxite and alumina Other Inventory, Net of Reserves Foreign currency translation Foreign Currency Translation [Abstract] Organization, Consolidation and Presentation of Financial Statements [Abstract] Local Phone Number Local Phone Number Level 1 Derivative Instruments [Member] Derivative Instrument Level1 [Member] Derivative instrument level 1. Antidilutive Securities Excluded from Computation of Earnings Per Share [Line Items] Antidilutive Securities Excluded from Computation of Earnings Per Share [Line Items] Retirement Plan Sponsor Location Retirement Plan Sponsor Location [Axis] Hedging Designation Hedging Designation [Axis] Common stock dividends per share Common Stock, Dividends, Per Share, Cash Paid Income Tax Authority Income Tax Jurisdiction [Axis] Retirement Plan Type Retirement Plan Type [Domain] Other [Member] Other Products [Member] Other Products [Member] Other products. Four point one two five percentage senior notes due two thousand and twenty nine. Four Point One Two Five Percentage Senior Notes Due Two Thousand And Twenty Nine [Member] 4.125% Notes, due 2029 [Member] Commitments and Contingencies Disclosure [Abstract] Fair Value Assets Measured On Recurring Basis Unobservable Input Reconciliation [Line Items] Fair Value, Assets Measured on Recurring Basis, Unobservable Input Reconciliation [Line Items] Foreign Exchange Buy Forwards [Member] Foreign Exchange Buy Forwards [Member] Foreign Exchange Buy Forwards [Member] Curtailments Curtailment loss Curtailment of certain other postretirement benefits Defined Benefit Plan, Net Periodic Benefit Cost (Credit), Gain (Loss) Due to Curtailment Basis of Presentation Basis of Accounting [Text Block] Intersegment eliminations Intersegment eliminations Segment Reporting Information Intersegment Eliminations Segment reporting information intersegment eliminations Post-closure maintenance and monitoring period Post Closure Maintenance And Monitoring Period Post-closure maintenance and monitoring period. Goodwill impairment Goodwill and Intangible Asset Impairment Goodwill and Intangible Asset Impairment, Total Addy, Washington [Member] Addy Washington [Member] Addy Washington. Document Information [Line Items] Other comprehensive (loss) income Other Comprehensive Income (Loss), Foreign Currency Transaction and Translation Adjustment, Net of Tax, Total Foreign currency translation adjustments Other Comprehensive Income (Loss), Foreign Currency Transaction and Translation Adjustment, Net of Tax Estimated annualized effective tax rate Estimated Annualized Effective Tax Rate Estimated annualized effective tax rate. Income Tax Authority Income Tax Jurisdiction [Domain] Senior notes, interest percentage Debt Instrument, Interest Rate, Stated Percentage Accumulated Deficit [Member] Retained Earnings [Member] Schedule of Sales by Product Division Revenue from External Customers by Products and Services [Table Text Block] Prepaid Expenses and Other Current Assets [Member] Payments to Acquire Property, Plant, and Equipment, Total Capital expenditures Payments to Acquire Property, Plant, and Equipment Schedule of Other (Income) Expenses, Net Schedule of Other Nonoperating Income (Expense) [Table Text Block] Water Management Costs [Member] Water Management Costs [Member] Water management costs. Kwinana Refinery [Member] Kwinana Refinery [Member] Kwinana refinery. Schedule of Detail for Level 1 and 3 Derivatives Fair Value Measurements, Recurring and Nonrecurring [Table Text Block] Document Transition Report Document Transition Report Debt instrument, date of first required payment Debt Instrument, Date of First Required Payment Additional income tax payable, exclusive of interest and penalties Income Tax Payable Possible Unrecorded Assessed Amount From Taxing Authority Income tax payable, possible unrecorded assessed amount from taxing authority. Fair Value, Asset, Recurring Basis, Unobservable Input Reconciliation, Gain (Loss), Statement of Income or Comprehensive Income [Extensible Enumeration] Schedule Of Antidilutive Securities Excluded From Computation Of Earnings Per Share [Table] Antidilutive Security, Excluded EPS Calculation [Table] Effective foreign statutory tax rate Effective Income Tax Rate Reconciliation, Foreign Income Tax Rate Differential, Percent Settlements and other Fair Value Measurement With Unobservable Inputs Reconciliation Recurring Basis Liability Increase Decrease Settlements And Other Fair value measurement with unobservable inputs reconciliation recurring basis liability increase decrease settlements and other. Deferred income taxes Deferred Income Tax Assets, Net Minimum [Member] Minimum [Member] Percentage of minimum production of annual capacity Percentage of Minimum Production of Annual Capacity Percentage of minimum production of annual capacity. Common Stock [Member] Common Stock [Member] Restricted Cash, Total Restricted cash Restricted Cash Schedule of Fair Values of Level 3 Derivative Instruments Recorded as Assets and Liabilities Schedule of Derivative Instruments in Statement of Financial Position, Fair Value [Table Text Block] Investment, Name Investment, Name [Axis] Increase (decrease) to other noncurrent assets Decrease (increase) in noncurrent assets Decrease to other noncurrent assets Additional Capital [Member] Additional Paid-in Capital [Member] 2025 - 2029 Accrual For Environmental Loss Contingencies Undiscounted One To Five Year Accrual for environmental loss contingencies undiscounted one to five year. Restructuring and other charges, net (D) Restructuring and other charges, net Restructuring and other charges, net (D) Restructuring And Other Charges Amount of expenses associated with exit or disposal activities pursuant to an authorized plan. Includes expenses related to certain asset retirement obligations. Estimated liabilities for future site separation commitment charge Estimated Liabilities For Future Site Separation Commitment Charge Estimated liabilities for future site separation commitment charge. Adjustments to reconcile net loss to cash from operations: Adjustments to Reconcile Net Income (Loss) to Cash Provided by (Used in) Operating Activities [Abstract] Income Taxes [Line Items] Income Taxes [Line Items] Income taxes. Pension Benefits [Member] Pension Plan [Member] Income Statement Location Statement of Income Location, Balance [Domain] Brazilian Federal Revenue Office [Member] Brazilian Federal Revenue Office [Member] Brazilian Federal Revenue Office. Other assets, noncurrent, total Other noncurrent assets Other Assets, Noncurrent Derivative forward energy volume Derivative Forward Energy Volume Derivative forward energy volume. Scheme Implementation Deed [Member] Scheme implementation deed. Segments Segments [Domain] Derivative forward energy price Derivative Forward Energy Price Derivative forward energy price. Schedule of Inventory Components Schedule of Inventory, Current [Table Text Block] Other Financial Information Additional Financial Information Disclosure [Text Block] Other current assets Other Assets, Current Goodwill and Intangible Assets Disclosure [Abstract] Entity Common Stock, Shares Outstanding Entity Common Stock, Shares Outstanding Total Other comprehensive income (loss) Other Comprehensive Income (Loss), Cash Flow Hedge, Gain (Loss), after Reclassification, Tax, Total Other Comprehensive Income (Loss), Cash Flow Hedge, Gain (Loss), after Reclassification, Tax Alcoa Common Stock [Member] Alcoa Common Stock [Member] Disaggregation Of Revenue [Line Items] Disaggregation of Revenue [Line Items] Accounts and Financing Receivables [Table] Stockholders' Equity Attributable to Noncontrolling Interest, Ending Balance Stockholders' Equity Attributable to Noncontrolling Interest, Beginning Balance Stockholders' Equity Attributable to Noncontrolling Interest, Total Noncontrolling interest Equity, Attributable to Noncontrolling Interest Change in unrecognized net actuarial gain/loss and prior service cost/benefit related to pension and other postretirement benefits, Alcoa Corporation Other Comprehensive (Income) Loss, Defined Benefit Plan, after Tax and Reclassification Adjustment, Attributable to Parent Basis of Presentation Basis of Accounting, Policy [Policy Text Block] Assets (other than the receivables) pledged as collateral Assets Excluding Receivables Pledged As Collateral Assets excluding receivables pledged as collateral. Scenario Scenario [Domain] Federal value added tax credits Value Added Tax Receivable Other noncurrent liabilities and deferred credits Deferred Credits and Other Liabilities, Noncurrent Equity (gain) loss Income Loss From Equity Method Investments Nonoperating This item represents the entity's proportionate share for the period of the net income (loss) of its investee (such as unconsolidated subsidiaries and joint ventures) to which the equity method of accounting is applied and is reflected as nonoperating income on the Statement of Consolidated Operations. 2024 (excluding the six months ended June 30, 2024) Accrual for Environmental Loss Contingency, Undiscounted, to be Paid, Remainder of Fiscal Year Disallowed tax credits Tax Credit Previously Claimed And Disallowed By Tax Authority Tax credit previously claimed and disallowed by tax authority. Accumulated Other Comprehensive (Income) Loss, Defined Benefit Plan, after Tax, Total Balance at beginning of period Balance at end of period Accumulated Other Comprehensive (Income) Loss, Defined Benefit Plan, after Tax Recognized transaction costs Business Acquisition, Transaction Costs Common stock Common Stock, Value, Issued Percentage of expected to be operational in Alumar Restart Percentage Of Expected To Be Operational In Alumar Restart Percentage of expected to be operational in Alumar Restart. Disposal group including discontinued operation other postretirement benefit liabilities assumed. Disposal Group Including Discontinued Operation Other Postretirement Benefit Liabilities Assumed Assumption of other postretirement benefit liabilities Net loss from investing activities - asset sales (P) Gain (Loss) on Disposition of Assets, Total Net gain from asset sales Gain (Loss) on Disposition of Assets Supplier invoices outstanding Supplier Invoices Outstanding Supplier Invoices Outstanding. Total amount reclassified from Accumulated other comprehensive loss, net of tax Other Comprehensive (Income) Loss, Defined Benefit Plan, Reclassification Adjustment from AOCI, after Tax Defined benefit plan remeasurement date. Defined Benefit Plan Remeasurement Date Plan remeasurement date Cash and cash equivalents Cash and Cash Equivalents, Fair Value Disclosure Payments against the reserve Payments for financial contributions for divestiture of businesses. Payments for Financial Contributions for Divestiture of Businesses Intangibles, net Other Intangible Assets, Net Asset Retirement Obligation Disclosure [Abstract] Asset Retirement Obligation, Revision of Estimate Reversals of previously recorded liabilities Non-U.S. [Member] Foreign Plan [Member] CONTINGENCIES AND COMMITMENTS (O) Commitments and Contingencies Average shares outstanding – diluted Weighted Average Number of Shares Outstanding, Diluted Level 2 Derivative Instruments [Member] Derivative Instrument Level2 [Member] Derivative instrument level 2. Schedule of Operating Results of Alcoa's Reportable Segments Schedule of Segment Reporting Information, by Segment [Table Text Block] Receivables from customers (I) Accounts Receivable, after Allowance for Credit Loss, Current, Total Accounts Receivable, after Allowance for Credit Loss, Current Decrease in inventories Increase (Decrease) in Inventories, Total Increase (Decrease) in Inventories Amount of (loss) gain expected to be recognized into earnings over the next 12 months Cash Flow Hedge Gain (Loss) to be Reclassified within 12 Months Fair value measurement, Assets Fair Value, Measurement with Unobservable Inputs Reconciliation, Recurring Basis, Asset, Gain (Loss) Included in Earnings Equity (loss) income Segment Reporting Information Equity In Net Income Of Equity Method Investees Of Segments Segment reporting information equity in net income of equity method investees of segments. Ma'aden [Member] Maaden [Member] Maâ€"aden. Number of financial contracts Number Of Financial Contracts Number of financial contracts. Domestic Plan Domestic Plan [Member] Comprehensive Income (Loss), Net of Tax, Including Portion Attributable to Noncontrolling Interest, Total Comprehensive Income (Loss), Net of Tax, Including Portion Attributable to Noncontrolling Interest Comprehensive (loss) income Entity Small Business Entity Small Business Segment Reporting Information [Line Items] Segment Reporting Information [Line Items] Other Income Expenses [Member] Other income expenses. Other Expenses, Net [Member] Debt Debt Disclosure [Text Block] New Alcoa Preferred Stock [Member] Alcoa Nonvoting Convertible Preferred Stock [Member] Alcoa Nonvoting Convertible Preferred Stock. Other Comprehensive (Income) Loss, Defined Benefit Plan, Reclassification Adjustment from AOCI, Tax, Total Other Comprehensive (Income) Loss, Defined Benefit Plan, Reclassification Adjustment from AOCI, Tax Tax benefit (expense) Debt instrument redemption period. Debt Instrument Redemption Period Debt instrument redemption period Revenues, Total Sales Revenues Foreign Currency Transaction Gain (Loss), before Tax, Total Gain (Loss), Foreign Currency Transaction, before Tax Foreign currency losses (gains), net Derivative Liabilities Derivative Liabilities Total liability derivatives Derivative Liabilities, Fair value Schedule of Carrying Values and Fair Values of Other Financial Instruments Fair Value, by Balance Sheet Grouping [Table Text Block] Credit Facility Credit Facility [Axis] Revolving Credit Facility [Member] Revolving Credit Facility [Member] Other Income, Net Other Nonoperating Income and Expense [Text Block] Aluminum Segment [Member] Aluminum Products Segment [Member] Aluminum products segment. Depreciation, depletion, and amortization Segment Reporting Information Depreciation Depletion And Amortization Expenses Segment reporting information depreciation depletion and amortization expenses. Fair value of derivative instruments (M) Derivative Assets Noncurrent FINANCING ACTIVITIES Net Cash Provided by (Used in) Financing Activities [Abstract] Closure Cost Closure Cost [Member] Closure Cost [Member] LIABILITIES Liabilities [Abstract] Cash proceeds from financial institution Proceeds from

Issuance of Financial Services Obligations Stock options Incremental Common Shares Attributable to Dilutive Effect of Share-Based Payment Arrangements Outstanding quantities of derivative instruments Outstanding Aluminum Derivative Instruments Outstanding aluminum derivative instruments. Noncurrent prepaid tax asset Prepaid Tax Asset Noncurrent Prepaid tax asset noncurrent. Derivative Instruments and Hedging Activities Disclosure [Abstract] Assessed income tax amount exclusive of interest and penalties Assessed Income Tax Amount Exclusive Of Interest And Penalties Assessed income tax amount exclusive of interest and penalties. Revenue from Contract with Customer, Product and Service [Extensible Enumeration] Common shares equivalents that would have been included in diluted average shares outstanding Shares That Would Have Been Included In Diluted Earnings Per Share Calculation Shares that would have been included in diluted earnings per share calculation. Mine Areas [Member] Mine Areas [Member] Mine areas. Total costs and expenses Costs And Operating Expenses And Nonoperating Income Expenses The total costs of sales, operating expenses, and nonoperating expenses/income. Total Other comprehensive (loss) income, net of tax, Alcoa Corporation Other Comprehensive Income (Loss), Net of Tax, Portion Attributable to Parent Level 3 [Member] Fair Value, Inputs, Level 3 [Member] Subsequent Events Subsequent Events [Text Block] Prepaid gas transmission contract Prepaid Gas Transmission Contract Prepaid Gas Transmission Contract. Other Costs [Member] Other Exit Costs [Member] Other exit costs. Accounts Payable, Current, Total Accounts payable, trade Accounts Payable, Current Asset retirement obligations. Asset Retirement Obligations [Table] Asset Retirement Obligations [Table] Amounts repaid under the credit facility Repayments of Long-Term Lines of Credit Change in accounting principle, accounting standards update, immaterial effect [true false] Change in Accounting Principle, Accounting Standards Update, Immaterial Effect [true false] Unrealized gain (loss) recognized in Other comprehensive loss Net change from periodic revaluations Other Comprehensive Income (Loss), Cash Flow Hedge, Gain (Loss), before Reclassification and Tax Wenatchee (Washington) and Intalco [Member] Wenatchee And Intalco Facility [Member] Wenatchee and Intalco facility. Level 1 and 2 Derivative Instruments [Member] Derivative Instrument Level1 And2 [Member] Derivative instrument level 1 and 2. Noncurrent income taxes Accrued Income Taxes, Noncurrent Decrease in accrued expenses Increase (Decrease) in Accrued Liabilities, Total Increase (Decrease) in Accrued Liabilities Currency [Axis] XML 13 R1.htm IDEA: XBRL DOCUMENT v3.24.2.u1 Document and Entity Information - shares 6 Months Ended Jun. 30, 2024 Aug. 01, 2024 Document Information [Line Items] Â Â Document Type 10-Q Â Amendment Flag false Â Document Period End Date Jun. 30, 2024 Â Document Fiscal Year Focus 2024 Â Document Fiscal Period Focus Q2 Â Trading Symbol AA Â Entity Registrant Name ALCOA CORP Â Entity Central Index Key 0001675149 Â Entity File Number 1-37816 Â Entity Incorporation, State or Country Code DE Â Entity Tax Identification Number 81-1789115 Â Entity Address, Address Line One 201 Isabella Street Â Entity Address, Address Line Two Suite 500 Â Entity Address, City or Town Pittsburgh Â Entity Address, State or Province PA Â Entity Address, Postal Zip Code 15212-5858 Â City Area Code 412 Â Local Phone Number 315-2900 Â Current Fiscal Year End Date --12-31 Â Entity Current Reporting Status Yes Â Entity Filer Category Large Accelerated Filer Â Entity Small Business false Â Entity Emerging Growth Company false Â Entity Shell Company false Â Entity Interactive Data Current Yes Â Title of 12(b) Security Common Stock, par value $0.01 per share Â Security Exchange Name NYSE Â Document Quarterly Report true Â Document Transition Report false Â Common Stock, Par Value $0.01 Per Share {Member] Â Â Document Information [Line Items] Â Â Entity Common Stock, Shares Outstanding Â 258,340,140 Series A Convertible Preferred Stock, Par Value $0.01 Per Share [Member] Â Â Document Information [Line Items] Â Â Entity Common Stock, Shares Outstanding Â 4,041,989 X - DefinitionBoolean flag that is true when the XBRL content amends previously-filed or accepted submission. + ReferencesNo definition available. + Details Name: dei_AmendmentFlag Namespace Prefix: dei_ Data Type: xbrli:booleanItemType Balance Type: na Period Type: duration X - DefinitionArea code of city + ReferencesNo definition available. + Details Name: dei_CityAreaCode Namespace Prefix: dei_ Data Type: xbrli:normalizedStringItemType Balance Type: na Period Type: duration X - DefinitionEnd date of current fiscal year in the format --MM-DD. + ReferencesNo definition available. + Details Name: dei_CurrentFiscalYearEndDate Namespace Prefix: dei_ Data Type: xbrli:gMonthDayItemType Balance Type: na Period Type: duration X - DefinitionFiscal period values are FY, Q1, Q2, and Q3. 1st, 2nd and 3rd quarter 10-Q or 10-QT statements have value Q1, Q2, and Q3 respectively, with 10-K, 10-KT or other fiscal year statements having FY. + ReferencesNo definition available. + Details Name: dei_DocumentFiscalPeriodFocus Namespace Prefix: dei_ Data Type: dei:fiscalPeriodItemType Balance Type: na Period Type: duration X - DefinitionThis is focus fiscal year of the document report in YYYY format. For a 2006 annual report, which may also provide financial information from prior periods, fiscal 2006 should be given as the fiscal year focus. Example: 2006. + ReferencesNo definition available. + Details Name: dei_DocumentFiscalYearFocus Namespace Prefix: dei_ Data Type: xbrli:gYearItemType Balance Type: na Period Type: duration X - DefinitionLine items represent financial concepts included in a table. These concepts are used to disclose reportable information associated with domain members defined in one or many axes to the table. + ReferencesNo definition available. + Details Name: dei_DocumentInformationLineItems Namespace Prefix: dei_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionFor the EDGAR submission types of Form 8-K: the date of the report, the date of the earliest event reported; for the EDGAR submission types of Form N-1A: the filing date; for all other submission types: the end of the reporting or transition period. The format of the date is YYYY-MM-DD. + ReferencesNo definition available. + Details Name: dei_DocumentPeriodEndDate Namespace Prefix: dei_ Data Type: xbrli:dateItemType Balance Type: na Period Type: duration X - DefinitionBoolean flag that is true only for a form used as an quarterly report. + ReferencesReference 1: http://www.xbrl.org/2003/role/presentationRef -Publisher SEC -Name Form 10-Q -Number 240 -Section 308 -Subsection a + Details Name: dei_DocumentQuarterlyReport Namespace Prefix: dei_ Data Type: xbrli:booleanItemType Balance Type: na Period Type: duration X - DefinitionBoolean flag that is true only for a form used as a transition report. + ReferencesReference 1: http://www.xbrl.org/2003/role/presentationRef -Publisher SEC -Name Forms 10-K, 10-Q, 20-F -Number 240 -Section 13 -Subsection a-1 + Details Name: dei_DocumentTransitionReport Namespace Prefix: dei_ Data Type: xbrli:booleanItemType Balance Type: na Period Type: duration X - DefinitionThe type of document being provided (such as 10-K, 10-Q, 485BPOS, etc). The document type is limited to the same value as the supporting SEC submission type, or the word 'Other'. + ReferencesNo definition available. + Details Name: dei_DocumentType Namespace Prefix: dei_ Data Type: dei:submissionTypeItemType Balance Type: na Period Type: duration X - DefinitionAddress Line 1 such as Attn, Building Name, Street Name + ReferencesNo definition available. + Details Name: dei_EntityAddressAddressLine1 Namespace Prefix: dei_ Data Type: xbrli:normalizedStringItemType Balance Type: na Period Type: duration X - DefinitionAddress Line 2 such as Street or Suite number + ReferencesNo definition available. + Details Name: dei_EntityAddressAddressLine2 Namespace Prefix: dei_ Data Type: xbrli:normalizedStringItemType Balance Type: na Period Type: duration X - DefinitionName of the City or Town + ReferencesNo definition available. + Details Name: dei_EntityAddressCityOrTown Namespace Prefix: dei_ Data Type: xbrli:normalizedStringItemType Balance Type: na Period Type: duration X - DefinitionCode for the postal or zip code + ReferencesNo definition available. + Details Name: dei_EntityAddressPostalZipCode Namespace Prefix: dei_ Data Type: xbrli:normalizedStringItemType Balance Type: na Period Type: duration X - DefinitionName of the state or province. + ReferencesNo definition available. + Details Name: dei_EntityAddressStateOrProvince Namespace Prefix: dei_ Data Type: dei:stateOrProvinceItemType Balance Type: na Period Type: duration X - DefinitionA unique 10-digit SEC-issued value to identify entities that have filed disclosures with the SEC. It is commonly abbreviated as CIK. + ReferencesReference 1: http://www.xbrl.org/2003/role/presentationRef -Publisher SEC -Name Exchange Act -Number 240 -Section 12 -Subsection b-2 + Details Name: dei_EntityCentralIndexKey Namespace Prefix: dei_ Data Type: dei:centralIndexKeyItemType Balance Type: na Period Type: duration X - DefinitionIndicate number of shares or other units outstanding of each of registrant's classes of capital or common stock or other ownership interests, if and as stated on cover of related periodic report. Where multiple classes or units exist define each class/interest by adding class of stock items such as Common Class A [Member], Common Class B [Member] or Partnership Interest [Member] onto the Instrument [Domain] of the Entity Listings, Instrument. + ReferencesNo definition available. + Details Name: dei_EntityCommonStockSharesOutstanding Namespace Prefix: dei_ Data Type: xbrli:sharesItemType Balance Type: na Period Type: instant X - DefinitionIndicate 'Yes' or 'No' whether registrants (1) have filed all reports required to be filed by Section 13 or 15(d) of the Securities Exchange Act of 1934 during the preceding 12 months (or for such shorter period that registrants were required to file such reports), and (2) have been subject to such filing requirements for the past 90 days. This information should be based on the registrant's current or most recent filing containing the related disclosure. + ReferencesNo definition available. + Details Name: dei_EntityCurrentReportingStatus Namespace Prefix: dei_ Data Type: dei:yesNoItemType Balance Type: na Period Type: duration X - DefinitionIndicate if registrant meets the emerging growth company criteria. + ReferencesReference 1: http://www.xbrl.org/2003/role/presentationRef -Publisher SEC -Name Exchange Act -Number 240 -Section 12 -Subsection b-2 + Details Name: dei_EntityEmergingGrowthCompany Namespace Prefix: dei_ Data Type: xbrli:booleanItemType Balance Type: na Period Type: duration X - DefinitionCommission file number. The field allows up to 17 characters. The prefix may contain 1-3 digits, the sequence number may contain 1-8 digits, the optional suffix may contain 1-4 characters, and the fields are separated with a hyphen. + ReferencesNo definition available. + Details Name: dei_EntityFileNumber Namespace Prefix: dei_ Data Type: dei:fileNumberItemType Balance Type: na Period Type: duration X - DefinitionIndicate whether the registrant is one of the following: Large Accelerated Filer, Accelerated Filer, Non-accelerated Filer. Definitions of these categories are stated in Rule 12b-2 of the Exchange Act. This information should be based on the registrant's current or most recent filing containing the related disclosure. + ReferencesReference 1: http://www.xbrl.org/2003/role/presentationRef -Publisher SEC -Name Exchange Act -Number 240 -Section 12 -Subsection b-2 + Details Name: dei_EntityFilerCategory Namespace Prefix: dei_ Data Type: dei:filerCategoryItemType Balance Type: na Period Type: duration X - DefinitionTwo-character EDGAR code representing the state or country of incorporation. + ReferencesNo definition available. + Details Name: dei_EntityIncorporationStateCountryCode Namespace Prefix: dei_ Data Type: dei:edgarStateCountryItemType Balance Type: na Period Type: duration X - DefinitionBoolean flag that is true when the registrant has submitted electronically every Interactive Data File required to be submitted pursuant to Rule 405 of Regulation S-T during the preceding 12 months (or for such shorter period that the registrant was required to submit such files). + ReferencesReference 1: http://www.xbrl.org/2003/role/presentationRef -Publisher SEC -Name Regulation S-T -Number 232 -Section 405 + Details Name: dei_EntityInteractiveDataCurrent Namespace Prefix: dei_ Data Type: dei:yesNoItemType Balance Type: na Period Type: duration X - DefinitionThe exact name of the entity filing the report as specified in its charter, which is required for forms filed with the SEC. + ReferencesReference 1: http://www.xbrl.org/2003/role/presentationRef -Publisher SEC -Name Exchange Act -Number 240 -Section 12 -Subsection b-2 + Details Name: dei_EntityRegistrantName Namespace Prefix: dei_ Data Type: xbrli:normalizedStringItemType Balance Type: na Period Type: duration X - DefinitionBoolean flag that is true when the registrant is a shell company as defined in Rule 12b-2 of the Exchange Act. + ReferencesReference 1: http://www.xbrl.org/2003/role/presentationRef -Publisher SEC -Name Exchange Act -Number 240 -Section 12 -Subsection b-2 + Details Name: dei_EntityShellCompany Namespace Prefix: dei_ Data Type: xbrli:booleanItemType Balance Type: na Period Type: duration X - DefinitionIndicates that the company is a Smaller Reporting Company (SRC). + ReferencesReference 1: http://www.xbrl.org/2003/role/presentationRef -Publisher SEC -Name Exchange Act -Number 240 -Section 12 -Subsection b-2 + Details Name: dei_EntitySmallBusiness Namespace Prefix: dei_ Data Type: xbrli:booleanItemType Balance Type: na Period Type: duration X - DefinitionThe Tax Identification Number (TIN), also known as an Employer Identification Number (EIN), is a unique 9-digit value assigned by the IRS. + ReferencesReference 1: http://www.xbrl.org/2003/role/presentationRef -Publisher SEC -Name Exchange Act -Number 240 -Section 12 -Subsection b-2 + Details Name: dei_EntityTaxIdentificationNumber Namespace Prefix: dei_ Data Type: dei:employerIdItemType Balance Type: na Period Type: duration X - DefinitionLocal phone number for entity. + ReferencesNo definition available. + Details Name: dei_LocalPhoneNumber Namespace Prefix: dei_ Data Type: xbrli:normalizedStringItemType Balance Type: na Period Type: duration X - DefinitionTitle of a 12(b) registered security. + ReferencesReference 1: http://www.xbrl.org/2003/role/presentationRef -Publisher SEC -Name Exchange Act -Number 240 -Section 12 -Subsection b + Details Name: dei_Security12bTitle Namespace Prefix: dei_ Data Type: dei:securityTitleItemType Balance Type: na Period Type: duration X - DefinitionName of the Exchange on which a security is registered. + ReferencesReference 1: http://www.xbrl.org/2003/role/presentationRef -Publisher SEC -Name Exchange Act -Number 240 -Section 12 -Subsection d1-1 + Details Name: dei_SecurityExchangeName Namespace Prefix: dei_ Data Type: dei:edgarExchangeCodeItemType Balance Type: na Period Type: duration X - DefinitionTrading symbol of an instrument as listed on an exchange. + ReferencesNo definition available. + Details Name: dei_TradingSymbol Namespace Prefix: dei_ Data Type: dei:tradingSymbolItemType Balance Type: na Period Type: duration X - Details Name: us-gaap_StatementClassOfStockAxis=aa_CommonStockParValueZeroPointZeroOnePerShareMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_StatementClassOfStockAxis=aa_SeriesAConvertiblePreferredStockMember Namespace Prefix: Data Type: na Balance Type: Period Type: XML 14 R2.htm IDEA: XBRL DOCUMENT v3.24.2.u1 Statement of Consolidated Operations (unaudited) - USD ($) $ in Millions 3 Months Ended 6 Months Ended Jun. 30, 2024 Jun. 30, 2023 Jun. 30, 2024 Jun. 30, 2023 Income Statement [Abstract] Â Â Â Â Sales (E) $ 2,906 $ 2,684 $ 5,505 $ 5,354 Cost of goods sold (exclusive of expenses below) 2,533 2,515 4,937 4,919 Selling, general and administrative, and other expenses 69 52 129 106 Research and development expenses 13 6 24 16 Provision for depreciation, depletion, and amortization 163 153 324 306 Restructuring and other charges, net (D) 18 24 220 173 Interest expense 40 27 67 53 Other (income) expenses, net (P) (22) 6 37 60 Total costs and expenses 2,814 2,783 5,738 5,633 Consolidated income (loss) before income taxes 92 (99) (233) (279) Provision for income taxes 61 22 43 74 Net income (loss) 31 (121) (276) (353) Less: Net income (loss) attributable to noncontrolling interest 11 (19) (44) (20) NET INCOME (LOSS) ATTRIBUTABLE TO ALCOA CORPORATION $ 20 $ (102) $ (232) $ (333) EARNINGS PER SHARE ATTRIBUTABLE TO ALCOA CORPORATION COMMON SHAREHOLDERS (F): Â Â Â Basic $ 0.11 $ (0.57) $ (1.29) $ (1.87) Diluted $ 0.11 $ (0.57) $ (1.29) $ (1.87) X - DefinitionThe total costs of sales, operating expenses, and nonoperating expenses/income. + ReferencesNo definition available. + Details Name: aa_CostsAndOperatingExpensesAndNonoperatingIncomeExpenses Namespace Prefix: aa_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionRestructuring and other charges (benefit) net. + ReferencesNo definition available. + Details Name: aa_RestructuringAndOtherChargesBenefitNet Namespace Prefix: aa_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionCost of product sold and service rendered, excluding depreciation, depletion, and amortization. + ReferencesReference 1: http://www.xbrl.org/2009/role/commonPracticeRef -Name Accounting Standards Codification -Section S99 -Paragraph 2 -Subparagraph (SX 210.5-03(2) (a)) -SubTopic 10 -Topic 220 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483621/220-10-S99-2Reference 2: http://www.xbrl.org/2009/role/commonPracticeRef -Name Accounting Standards Codification -Section S99 -Paragraph 2 -Subparagraph (SX 210.5-03(2)(d)) -SubTopic 10 -Topic 220 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483621/220-10-S99-2 + Details Name: us-gaap_CostOfGoodsAndServiceExcludingDepreciationDepletionAndAmortization Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionThe aggregate expense recognized in the current period that allocates the cost of tangible assets, intangible assets, or depleting assets to periods that benefit from use of the assets. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section 45 -Paragraph 28 -Subparagraph (b) -SubTopic 10 - Topic 230 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-28Reference 2: http://www.xbrl.org/2003/role/exampleRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 48 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482785/280-10-55-48Reference 3: http://www.xbrl.org/2003/role/exampleRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 49 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482785/280-10-55-49Reference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 270 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (i) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482964/270-10-50-1Reference 5: http://www.xbrl.org/2003/role/disclosureRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 - Paragraph 32 -Subparagraph (ee) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-32Reference 6: http://www.xbrl.org/2003/role/disclosureRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 22 -Subparagraph (e) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-22 + Details Name: us-gaap_DepreciationDepletionAndAmortization Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - ReferencesNo definition available. + Details Name: us-gaap_EarningsPerShareAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionThe amount of net income (loss) for the period per each share of common stock or unit outstanding during the reporting period. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 - SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 6 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-6Reference 2: http://www.xbrl.org/2003/role/exampleRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 52 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482635/260-10-55-52Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 805 -SubTopic 60 -Name Accounting Standards Codification -Section 65 - Paragraph 1 -Subparagraph (g) -Publisher FASB -URI https://asc.fasb.org/1943274/2147476176/805-60-65-1Reference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 740 -SubTopic 323 - Name Accounting Standards Codification -Section 65 -Paragraph 2 -Subparagraph (g)(3) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478666/740-323-65-2Reference 5: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-3

https://asc.fasb.org/1943274/2147483443/250-10-50-3Reference 6: http://www.xbrl.org/2003/role/disclosureRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 15 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482635/260-10-55-15Reference 7: http://www.xbrl.org/2003/role/disclosureRef -Topic 815 -SubTopic 40 -Name Accounting Standards Codification -Section 65 -Paragraph 1 -Subparagraph (e)(4) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480175/815-40-65-1Reference 8: http://www.xbrl.org/2003/role/disclosureRef -Topic 815 -SubTopic 40 -Name Accounting Standards Codification -Section 65 -Paragraph 1 -Subparagraph (f) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480175/815-40-65-1Reference 9: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 11 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-11Reference 10: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 11 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-11Reference 11: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 7 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-7Reference 12: http://www.xbrl.org/2003/role/disclosureRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 2 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482689/260-10-45-2Reference 13: http://www.xbrl.org/2003/role/disclosureRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 60B -Subparagraph (d) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482689/260-10-45-60BReference 14: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 4 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-4Reference 15: http://www.xbrl.org/2003/role/disclosureRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482662/260-10-50-1Reference 16: http://www.xbrl.org/2003/role/disclosureRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 10 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482689/260-10-45-10Reference 17: http://www.xbrl.org/2003/role/disclosureRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 2 -Subparagraph (SX 210.5-03(25)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483621/220-10-S99-2Reference 18: http://www.xbrl.org/2003/role/disclosureRef -Topic 942 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.9-04(27)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482524/942-220-S99-1Reference 19: http://www.xbrl.org/2003/role/disclosureRef -Topic 944 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.7-04(23)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477250/944-220-S99-1Reference 20: http://www.xbrl.org/2003/role/disclosureRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 7 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482689/260-10-45-7 + Details Name: us-gaap_EarningsPerShareBasic Namespace Prefix: us-gaap_ Data Type: dtr-types:perShareItemType Balance Type: na Period Type: duration X - DefinitionThe amount of net income (loss) for the period available to each share of common stock or common unit outstanding during the reporting period and to each share or unit that would have been outstanding assuming the issuance of common shares or units for all dilutive potential common shares or units outstanding during the reporting period. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 6 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-6Reference 2: http://www.xbrl.org/2003/role/exampleRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 52 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482635/260-10-55-52Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 805 -SubTopic 60 -Name Accounting Standards Codification -Section 65 -Paragraph 1 -Subparagraph (g) -Publisher FASB -URI https://asc.fasb.org/1943274/2147476176/805-60-65-1Reference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 740 -SubTopic 323 -Name Accounting Standards Codification -Section 65 -Paragraph 2 -Subparagraph (g)(3) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478666/740-323-65-2Reference 5: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-3Reference 6: http://www.xbrl.org/2003/role/disclosureRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 15 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482635/260-10-55-15Reference 7: http://www.xbrl.org/2003/role/disclosureRef -Topic 815 -SubTopic 40 -Name Accounting Standards Codification -Section 65 -Paragraph 1 -Subparagraph (e)(4) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480175/815-40-65-1Reference 8: http://www.xbrl.org/2003/role/disclosureRef -Topic 815 -SubTopic 40 -Name Accounting Standards Codification -Section 65 -Paragraph 1 -Subparagraph (f) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480175/815-40-65-1Reference 9: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 11 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-11Reference 10: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 11 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-11Reference 11: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 7 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-7Reference 12: http://www.xbrl.org/2003/role/disclosureRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 2 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482689/260-10-45-2Reference 13: http://www.xbrl.org/2003/role/disclosureRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 60B -Subparagraph (d) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482689/260-10-45-60BReference 14: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 4 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-4Reference 15: http://www.xbrl.org/2003/role/disclosureRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482662/260-10-50-1Reference 16: http://www.xbrl.org/2003/role/disclosureRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 2 -Subparagraph (SX 210.5-03(25)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483621/220-10-S99-2Reference 17: http://www.xbrl.org/2003/role/disclosureRef -Topic 942 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.9-04(27)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478524/942-220-S99-1Reference 18: http://www.xbrl.org/2003/role/disclosureRef -Topic 944 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.7-04(23)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477250/944-220-S99-1Reference 19: http://www.xbrl.org/2003/role/disclosureRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 7 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482689/260-10-45-7 + Details Name: us-gaap_EarningsPerShareDiluted Namespace Prefix: us-gaap_ Data Type: dtr-types:perShareItemType Balance Type: na Period Type: duration X - DefinitionAmount of income (loss) from continuing operations, including income (loss) from equity method investments, before deduction of income tax expense (benefit), and income (loss) attributable to noncontrolling interest. + ReferencesReference 1: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 22 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-22Reference 2: http://www.xbrl.org/2003/role/exampleRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 48 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482785/280-10-55-48Reference 3: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 32 -Subparagraph (f) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-32Reference 4: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 30 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-30Reference 5: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 270 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (i) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482964/270-10-50-1Reference 6: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 32 -Subparagraph (ee) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-32Reference 7: http://fasb.org/us-gaap/role/ref/otherTransitionRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 32 -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-32Reference 8: http://www.xbrl.org/2003/role/disclosureRef -Topic 944 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.7-04(11)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477250/944-220-S99-1Reference 9: http://www.xbrl.org/2003/role/exampleRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 31 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-31Reference 10: http://www.xbrl.org/2003/role/disclosureRef -Topic 942 -SubTopic 235 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.9-05(b)(2)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477314/942-235-S99-1Reference 11: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 2 -Subparagraph (SX 210.5-03(10)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483621/220-10-S99-2Reference 12: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 942 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.9-04(15)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478524/942-220-S99-1 + Details Name: us-gaap_IncomeLossFromContinuingOperationsBeforeIncomeTaxesExtraordinaryItemsNoncontrollingInterest Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - ReferencesNo definition available. + Details Name: us-gaap_IncomeStatementAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionNo amount of current income tax expense (benefit) and deferred income tax expense (benefit) pertaining to continuing operations. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 270 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (i) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482964/270-10-50-1Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 32 -Subparagraph (ee) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-32Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 740 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 12 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482685/740-10-50-12Reference 4: http://www.xbrl.org/2003/role/exampleRef -Topic 740 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 231 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482663/740-10-55-231Reference 5: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 9 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-9Reference 6: http://www.xbrl.org/2003/role/disclosureRef -Topic 740 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SAB Topic 6.I.7) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479360/740-10-S99-1Reference 7: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 8 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-8Reference 8: http://www.xbrl.org/2003/role/disclosureRef -Topic 740 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 10 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482685/740-10-50-10Reference 9: http://www.xbrl.org/2003/role/disclosureRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 22 -Subparagraph (h) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-22Reference 10: http://www.xbrl.org/2003/role/disclosureRef -Topic 944 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.7-04(9)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477250/944-220-S99-1Reference 11: http://www.xbrl.org/2003/role/disclosureRef -Name Accounting Standards Codification -Section 45 -Paragraph 2 -Subparagraph (a) -SubTopic 20 -Topic 740 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482659/740-20-45-2Reference 12: http://www.xbrl.org/2003/role/disclosureRef -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.4-08(h)) -SubTopic 10 -Topic 235 -Publisher FASB -URI https://asc.fasb.org/1943274/2147480678/235-10-S99-1 + Details Name: us-gaap_IncomeTaxExpenseBenefit Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionAmount of interest expense classified as operating and nonoperating. Includes, but is not limited to, cost of borrowing accounted for as interest expense. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 22 -Subparagraph (d) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-22Reference 2: http://www.xbrl.org/2003/role/exampleRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 48 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482785/280-10-55-48Reference 3: http://www.xbrl.org/2003/role/exampleRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 49 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482785/280-10-55-49Reference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 270 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (i) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482964/270-10-50-1Reference 5: http://www.xbrl.org/2003/role/disclosureRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 32 -Subparagraph (ee) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-32Reference 6: http://www.xbrl.org/2003/role/disclosureRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 24 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-24Reference 7: http://www.xbrl.org/2003/role/disclosureRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 22 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-22Reference 8: http://www.xbrl.org/2003/role/disclosureRef -Topic 835 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483013/835-20-50-1 + Details Name: us-gaap_InterestExpense Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionThe portion of profit or loss for the period, net of income taxes, which is attributable to the parent. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 6 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-6Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 9 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-9Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 805 -SubTopic 60 -Name Accounting Standards Codification -Section 65 -Paragraph 1 -Subparagraph (g) -Publisher FASB -URI https://asc.fasb.org/1943274/2147476176/805-60-65-1Reference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 740 -SubTopic 323 -Name Accounting Standards Codification -Section 65 -Paragraph 2 -Subparagraph (g)(3) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478666/740-323-65-2Reference 5: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 2 -Subparagraph (SX 210.5-03(20)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483621/220-10-S99-2Reference 6: http://www.xbrl.org/2003/role/disclosureRef -Topic 235 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.4-08(g)(1)(ii)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480678/235-10-S99-1Reference 7: http://www.xbrl.org/2003/role/disclosureRef -Topic 323 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481687/323-10-50-3Reference 8: http://www.xbrl.org/2003/role/disclosureRef -Topic 825 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 28 -Subparagraph (f) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482907/825-10-50-28Reference 9: http://www.xbrl.org/2003/role/disclosureRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 6 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482765/220-10-50-6Reference 10: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-3Reference 11: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (b)(2) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-1Reference 12: http://www.xbrl.org/2003/role/disclosureRef -Topic 815 -SubTopic 40 -Name Accounting Standards Codification -Section 65 -Paragraph 1 -Subparagraph (f) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480175/815-40-65-1Reference 13: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 8 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-8Reference 14: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 11 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-11Reference 15: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 11 -Subparagraph (b) -Publisher FASB -URI

https://asc.fasb.org/1943274/2147483443/250-10-50-11Reference 16: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 4 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-4Reference 17: http://www.xbrl.org/2003/role/exampleRef -Topic 946 -SubTopic 830 -Name Accounting Standards Codification -Section 55 -Paragraph 10 -Publisher FASB -URI https://asc.fasb.org/1943274/2147479168/946-830-55-10Reference 18: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 220 -Name Accounting Standards Codification -Section 45 -Paragraph 7 -Publisher FASB -URI https://asc.fasb.org/1943274/2147479105/946-220-45-7Reference 19: http://www.xbrl.org/2003/role/disclosureRef -Topic 944 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.7-04(18)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477250/944-220-S99-1Reference 20: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.6-07(9)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479134/946-220-S99-1Reference 21: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 3 -Subparagraph (SX 210.6-09(1)(d)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479134/946-220-S99-3Reference 22: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(i)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 23: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(ii)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 24: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(iii)(A)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 25: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(iv)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 26: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(5)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 27: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(4)(i)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 28: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(4)(iii)(A)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 29: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(4)(iii)(B)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 30: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(4)(iv)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 31: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(5)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 32: http://www.xbrl.org/2003/role/disclosureRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 60B -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482689/260-10-45-60BReference 33: http://www.xbrl.org/2003/role/disclosureRef -Topic 205 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 7 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483499/205-20-50-7Reference 34: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 230 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 28 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-28Reference 35: http://www.xbrl.org/2003/role/disclosureRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 1A -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482790/220-10-45-1AReference 36: http://www.xbrl.org/2003/role/disclosureRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 1B -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482790/220-10-45-1BReference 37: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 942 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.9-04(22)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478524/942-220-S99-1 + Details Name: us-gaap_NetIncomeLoss Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionAmount of Net Income (Loss) attributable to noncontrolling interest. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 6 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-6Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 9 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-9Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 8 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-8Reference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 944 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.7-04(17)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477250/944-220-S99-1Reference 5: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 6 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482765/220-10-50-6Reference 6: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 810 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1A -Subparagraph (a)(2) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481203/810-10-50-1AReference 7: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 810 -SubTopic 10 -Section 55 -Paragraph 4J -Publisher FASB -URI https://asc.fasb.org/1943274/2147481175/810-10-55-4JReference 8: http://www.xbrl.org/2003/role/disclosureRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 1A -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482790/220-10-45-1AReference 9: http://www.xbrl.org/2003/role/disclosureRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 1B -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482790/220-10-45-1B + Details Name: us-gaap_NetIncomeLossAttributableToNoncontrollingInterest Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionThe aggregate amount of income or expense from ancillary business-related activities (that is to say, excluding major activities considered part of the normal operations of the business). + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 2 -Subparagraph (SX 210.5-03(7)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483621/220-10-S99-2 + Details Name: us-gaap_NonoperatingIncomeExpense Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionThe consolidated profit or loss for the period, net of income taxes, including the portion attributable to the noncontrolling interest. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 6 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-6Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 9 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-9Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 805 -SubTopic 60 -Name Accounting Standards Codification -Section 65 -Paragraph 1 -Subparagraph (g) -Publisher FASB -URI https://asc.fasb.org/1943274/2147476176/805-60-65-1Reference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 740 -SubTopic 323 -Name Accounting Standards Codification -Section 65 -Paragraph 2 -Subparagraph (g)(3) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478666/740-323-65-2Reference 5: http://www.xbrl.org/2003/role/disclosureRef -Topic 235 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.4-08(g)(1)(ii)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480678/235-10-S99-1Reference 6: http://www.xbrl.org/2003/role/disclosureRef -Topic 323 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481687/323-10-50-3Reference 7: http://www.xbrl.org/2003/role/disclosureRef -Topic 825 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 28 -Subparagraph (f) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482907/825-10-50-28Reference 8: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (b)(2) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-1Reference 9: http://www.xbrl.org/2003/role/disclosureRef -Topic 815 -SubTopic 40 -Name Accounting Standards Codification -Section 65 -Paragraph 1 -Subparagraph (f) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480175/815-40-65-1Reference 10: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 8 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-8Reference 11: http://www.xbrl.org/2003/role/exampleRef -Topic 946 -SubTopic 830 -Name Accounting Standards Codification -Section 55 -Paragraph 11 -Publisher FASB -URI https://asc.fasb.org/1943274/2147479168/946-830-55-11Reference 12: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 205 -Name Accounting Standards Codification -Section 45 -Paragraph 3 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478009/946-205-45-3Reference 13: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 220 -Name Accounting Standards Codification -Section 45 -Paragraph 7 -Publisher FASB -URI https://asc.fasb.org/1943274/2147479105/946-220-45-7Reference 14: http://www.xbrl.org/2003/role/disclosureRef -Topic 944 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.7-04(16)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477250/944-220-S99-1Reference 15: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.6-07(9)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479134/946-220-S99-1Reference 16: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 3 -Subparagraph (SX 210.6-09(1)(d)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479134/946-220-S99-3Reference 17: http://www.xbrl.org/2003/role/disclosureRef -Topic 810 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 19 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481231/810-10-45-19Reference 18: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 6 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482765/220-10-50-6Reference 19: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(i)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 20: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(ii)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 21: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(iii)(A)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 22: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(iv)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 23: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(5)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 24: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(4)(i)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 25: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(4)(iii)(A)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 26: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(4)(iii)(B)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 27: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(4)(iv)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 28: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(5)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 29: http://www.xbrl.org/2003/role/disclosureRef -Topic 942 -SubTopic 235 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.9-05(b)(2)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477314/942-235-S99-1Reference 30: http://www.xbrl.org/2003/role/disclosureRef -Topic 205 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 7 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483499/205-20-50-7Reference 31: http://www.xbrl.org/2003/role/exampleRef -Topic 810 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 4J -Publisher FASB -URI https://asc.fasb.org/1943274/2147481175/810-10-55-4JReference 32: http://www.xbrl.org/2003/role/exampleRef -Topic 810 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 4K -Publisher FASB -URI https://asc.fasb.org/1943274/2147481175/810-10-55-4KReference 33: http://www.xbrl.org/2003/role/disclosureRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 1A -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482790/220-10-45-1AReference 34: http://www.xbrl.org/2003/role/disclosureRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 1B -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482790/220-10-45-1BReference 35: http://www.xbrl.org/2003/role/disclosureRef -Topic 230 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 2 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-2Reference 36: http://www.xbrl.org/2003/role/disclosureRef -Topic 810 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1A -Subparagraph (a)(1) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481203/810-10-50-1AReference 37: http://www.xbrl.org/2003/role/disclosureRef -Topic 810 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1A -Subparagraph (c)(1) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481203/810-10-50-1A + Details Name: us-gaap_ProfitLoss Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionAmount of expense for research and development. Includes, but is not limited to, cost for computer software product to be sold, leased, or otherwise marketed and writeoff of research and development assets acquired in transaction other than business combination or joint venture formation or both. Excludes write-down of intangible asset acquired in business combination or joint venture formation or both, used in research and development activity. + ReferencesReference 1: http://www.xbrl.org/2003/role/exampleRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 48 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482785/280-10-55-48Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 985 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481283/985-20-50-2Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 730 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482916/730-10-50-1Reference 4: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 912 -SubTopic 730 -Name Accounting Standards Codification -Section 25 -Paragraph 1 -Publisher FASB -URI https://asc.fasb.org/1943274/2147479532/912-730-25-1 + Details Name: us-gaap_ResearchAndDevelopmentExpense Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionAmount, excluding tax collected from customer, of revenue from satisfaction of performance obligation by transferring promised good or service to customer. Tax collected from customer is tax assessed by governmental authority that is both imposed on and concurrent with specific revenue-producing transaction, including, but not limited to, sales, use, value added and excise. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 41 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-41Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 270 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (i) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482964/270-10-50-1Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 32 -Subparagraph (ee) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-32Reference 4: http://fasb.org/us-gaap/role/ref/otherTransitionRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 32 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-32Reference 5: http://fasb.org/us-gaap/role/ref/otherTransitionRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 32 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-32Reference 6: http://www.xbrl.org/2003/role/disclosureRef -Topic 924 -

SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SAB Topic 11.L) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479941/924-10-S99-1Reference 7: http://www.xbrl.org/2003/role/disclosureRef -Topic 606 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 5 -Publisher FASB -URI https://asc.fasb.org/1943274/2147479806/606-10-50-5Reference 8: http://www.xbrl.org/2003/role/disclosureRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 30 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-30Reference 9: http://www.xbrl.org/2003/role/disclosureRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 42 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-42Reference 10: http://www.xbrl.org/2003/role/disclosureRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 22 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-22Reference 11: http://www.xbrl.org/2003/role/disclosureRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 40 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-40Reference 12: http://www.xbrl.org/2003/role/disclosureRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 22 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-22Reference 13: http://www.xbrl.org/2003/role/disclosureRef -Topic 606 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 4 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479806/606-10-50-4 + Details Name: us-gaap_RevenueFromContractWithCustomerExcludingAssessedTax Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionThe aggregate total costs related to selling a firm's product and services, as well as all other general and administrative expenses. Direct selling expenses (for example, credit, warranty, and advertising) are expenses that can be directly linked to the sale of specific products. Indirect selling expenses are expenses that cannot be directly linked to the sale of specific products, for example telephone expenses, Internet, and postal charges. General and administrative expenses include salaries of non-sales personnel, rent, utilities, communication, etc. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 2 -Subparagraph (SX 210.5-03(4)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483621/220-10-S99-2 + Details Name: us-gaap_SellingGeneralAndAdministrativeExpense Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration XML 15 R3.htm IDEA: XBRL DOCUMENT v3.24.2.u1 Statement of Consolidated Comprehensive Income (unaudited) - USD ($) $ in Millions 3 Months Ended 6 Months Ended Jun. 30, 2024 Jun. 30, 2023 Jun. 30, 2024 Jun. 30, 2023 Statement of Comprehensive Income [Abstract] Â Â Â Â NET INCOME (LOSS) ATTRIBUTABLE TO ALCOA CORPORATION $ 20 $ (102) $ (232) $ (333) Net income (loss), Noncontrolling interest 11 (19) (44) (20) Net income (loss) 31 (121) (276) (353) Change in unrecognized net actuarial gain/loss and prior service cost/benefit related to pension and other postretirement benefits, Alcoa Corporation 13 10 22 14 Change in unrecognized net actuarial gain/loss and prior service cost/benefit related to pension and other postretirement benefits, Noncontrolling interest 5 (2) 6 (2) Change in unrecognized net actuarial gain/loss and prior service cost/benefit related to pension and other postretirement benefits 18 8 28 12 Foreign currency translation adjustments, Alcoa Corporation (60) 25 (182) 27 Foreign currency translation adjustments, Noncontrolling interest (16) 11 (70) 26 Foreign currency translation adjustments (76) 36 (252) 53 Net change in unrecognized gains/losses on cash flow hedges, Alcoa Corporation (62) 226 68 104 Net change in unrecognized gains/losses on cash flow hedges, Noncontrolling interest (1) 0 (1) 0 Net change in unrecognized gains/losses on cash flow hedges (63) 226 67 104 Total Other comprehensive (loss) income, net of tax, Alcoa Corporation (109) 261 (92) 145 Total Other comprehensive (loss) income, net of tax, Noncontrolling interest (12) 9 (65) 24 Total Other comprehensive (loss) income, net of tax (121) 270 (157) 169 Comprehensive (loss) income , Alcoa Corporation (89) 159 (324) (188) Comprehensive (loss) income , Noncontrolling interest (1) (10) (109) 4 Comprehensive (loss) income $ (90) $ 149 $ (433) $ (184) X - DefinitionAmount after tax of increase (decrease) in equity from transactions and other events and circumstances from net income and other comprehensive income, attributable to parent entity. Excludes changes in equity resulting from investments by owners and distributions to owners. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 2 -Subparagraph (SX 210.5-03(24)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483621/220-10-S99-2Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 942 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.9-04(26)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478524/942-220-S99-1Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 944 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.7-04(22)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477250/944-220-S99-1Reference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 1A -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482790/220-10-45-1AReference 5: http://www.xbrl.org/2003/role/disclosureRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 1B -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482790/220-10-45-1BReference 6: http://www.xbrl.org/2003/role/disclosureRef -Topic 944 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.7-04(20)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477250/944-220-S99-1Reference 7: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 220 -SubTopic 10 -Section 45 -Paragraph 5 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482790/220-10-45-5 + Details Name: us-gaap_ComprehensiveIncomeNetOfTax Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionAmount after tax of increase (decrease) in equity from transactions and other events and circumstances from net income (loss) and other comprehensive income (loss), attributable to noncontrolling interests. Excludes changes in equity resulting from investments by owners and distributions to owners. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section 45 -Paragraph 20 -SubTopic 10 -Topic 810 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481231/810-10-45-20Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 2 -Subparagraph (SX 210.5-03(23)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483621/220-10-S99-2Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 942 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.9-04(25)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478524/942-220-S99-1Reference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 944 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.7-04(21)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477250/944-220-S99-1Reference 5: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 810 -SubTopic 10 -Section 45 -Paragraph 21 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481231/810-10-45-21Reference 6: http://www.xbrl.org/2003/role/disclosureRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 1A -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482790/220-10-45-1AReference 7: http://www.xbrl.org/2003/role/disclosureRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 1B -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482790/220-10-45-1BReference 8: http://www.xbrl.org/2003/role/disclosureRef -Topic 944 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.7-04(20)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477250/944-220-S99-1Reference 9: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 810 -SubTopic 10 -Section 55 -Paragraph 4K -Publisher FASB -URI https://asc.fasb.org/1943274/2147481175/810-10-55-4K + Details Name: us-gaap_ComprehensiveIncomeNetOfTaxAttributableToNoncontrollingInterest Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionAmount after tax of increase (decrease) in equity from transactions and other events and circumstances from net income and other comprehensive income. Excludes changes in equity resulting from investments by owners and distributions to owners. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 810 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 19 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481231/810-10-45-19Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 2 -Subparagraph (SX 210.5-03(22)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483621/220-10-S99-2Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 942 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.9-04(24)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478524/942-220-S99-1Reference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 1A -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482790/220-10-45-1AReference 5: http://www.xbrl.org/2003/role/disclosureRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 1B -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482790/220-10-45-1BReference 6: http://www.xbrl.org/2003/role/disclosureRef -Topic 944 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.7-04(20)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477250/944-220-S99-1Reference 7: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 810 -SubTopic 10 -Section 55 -Paragraph 4K -Publisher FASB -URI https://asc.fasb.org/1943274/2147481175/810-10-55-4K + Details Name: us-gaap_ComprehensiveIncomeNetOfTaxIncludingPortionAttributableToNoncontrollingInterest Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionThe portion of profit or loss for the period, net of income taxes, which is attributable to the parent. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 6 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-6Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 9 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-9Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 805 -SubTopic 60 -Name Accounting Standards Codification -Section 65 -Paragraph 1 -Subparagraph (g) -Publisher FASB -URI https://asc.fasb.org/1943274/2147476176/805-60-65-1Reference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 740 -SubTopic 323 -Name Accounting Standards Codification -Section 65 -Paragraph 2 -Subparagraph (g)(3) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478666/740-323-65-2Reference 5: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 2 -Subparagraph (SX 210.5-03(20)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483621/220-10-S99-2Reference 6: http://www.xbrl.org/2003/role/disclosureRef -Topic 235 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.4-08(g)(1)(ii)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480678/235-10-S99-1Reference 7: http://www.xbrl.org/2003/role/disclosureRef -Topic 323 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481687/323-10-50-3Reference 8: http://www.xbrl.org/2003/role/disclosureRef -Topic 825 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 28 -Subparagraph (f) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482907/825-10-50-28Reference 9: http://www.xbrl.org/2003/role/disclosureRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 6 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482765/220-10-50-6Reference 10: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-3Reference 11: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (b)(2) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-1Reference 12: http://www.xbrl.org/2003/role/disclosureRef -Topic 815 -SubTopic 40 -Name Accounting Standards Codification -Section 65 -Paragraph 1 -Subparagraph (f) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480175/815-40-65-1Reference 13: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 8 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-8Reference 14: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 11 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-11Reference 15: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 11 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-11Reference 16: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 4 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-4Reference 17: http://www.xbrl.org/2003/role/exampleRef -Topic 946 -SubTopic 830 -Name Accounting Standards Codification -Section 55 -Paragraph 10 -Publisher FASB -URI https://asc.fasb.org/1943274/2147479168/946-830-55-10Reference 18: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 220 -Name Accounting Standards Codification -Section 45 -Paragraph 7 -Publisher FASB -URI https://asc.fasb.org/1943274/2147479105/946-220-45-7Reference 19: http://www.xbrl.org/2003/role/disclosureRef -Topic 944 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.7-04(18)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477250/944-220-S99-1Reference 20: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.6-07(9)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479134/946-220-S99-1Reference 21: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 3 -Subparagraph (SX 210.6-09(1)(d)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479134/946-220-S99-3Reference 22: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(i)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 23: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(ii)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 24: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(iii)(A)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 25: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(iv)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 26: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(5)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 27: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(4)(i)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 28: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(4)(iii)(A)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 29: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(4)(iii)(B)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 30: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(4)(iv)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 31: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(5)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 32: http://www.xbrl.org/2003/role/disclosureRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 60B -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482689/260-10-45-60BReference 33: http://www.xbrl.org/2003/role/disclosureRef -Topic 205 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 7 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483499/205-20-50-7Reference 34: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 230 -Name Accounting Standards Codification -Section 45 -Paragraph 28 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-28Reference 35: http://www.xbrl.org/2003/role/disclosureRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 1A -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482790/220-10-45-1AReference 36: http://www.xbrl.org/2003/role/disclosureRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 1B -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482790/220-10-45-1BReference 37: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 942 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.9-04(22)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478524/942-220-S99-1 + Details Name: us-gaap_NetIncomeLoss Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionAmount of Net Income (Loss) attributable to noncontrolling interest. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 6 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-6Reference 2:

http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 9 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-9Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 8 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-8Reference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 944 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.7-04(17)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477250/944-220-S99-1Reference 5: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 6 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482765/220-10-50-6Reference 6: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 810 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1A -Subparagraph (a)(2) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481203/810-10-50-1AReference 7: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 810 -SubTopic 10 -Section 55 -Paragraph 4J -Publisher FASB -URI https://asc.fasb.org/1943274/2147481175/810-10-55-4JReference 8: http://www.xbrl.org/2003/role/disclosureRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 1A -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482790/220-10-45-1AReference 9: http://www.xbrl.org/2003/role/disclosureRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 1B -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482790/220-10-45-1B + Details Name: us-gaap_NetIncomeLossAttributableToNoncontrollingInterest Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionAmount, after tax and reclassification adjustment, of (increase) decrease in accumulated other comprehensive income for defined benefit plan, attributable to noncontrolling interest. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section 45 -Paragraph 10A -Subparagraph (j) -SubTopic 10 -Topic 220 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482790/220-10-45-10AReference 2: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section 45 -Paragraph 10A -Subparagraph (k) -SubTopic 10 -Topic 220 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482790/220-10-45-10AReference 3: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 810 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 19 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481231/810-10-45-19Reference 4: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 11 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482790/220-10-45-11Reference 5: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section 50 -Paragraph 1A -Subparagraph (c)(3) -SubTopic 10 -Topic 810 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481203/810-10-50-1AReference 6: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 10A -Subparagraph (i) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482790/220-10-45-10A + Details Name: us-gaap_OtherComprehensiveIncomeDefinedBenefitPlansAdjustmentNetOfTaxPortionAttributableToNoncontrollingInterest Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionAmount, after tax and reclassification adjustment, of (increase) decrease in accumulated other comprehensive income for defined benefit plan, attributable to parent. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section 45 -Paragraph 10A -Subparagraph (j) -SubTopic 10 -Topic 220 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482790/220-10-45-10AReference 2: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section 45 -Paragraph 10A -Subparagraph (k) -SubTopic 10 -Topic 220 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482790/220-10-45-10AReference 3: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 810 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 19 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481231/810-10-45-19Reference 4: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 11 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482790/220-10-45-11Reference 5: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section 50 -Paragraph 1A -Subparagraph (c)(3) -SubTopic 10 -Topic 810 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481203/810-10-50-1AReference 6: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 10A -Subparagraph (i) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482790/220-10-45-10A + Details Name: us-gaap_OtherComprehensiveIncomeDefinedBenefitPlansAdjustmentNetOfTaxPortionAttributableToParent Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionAmount after tax and reclassification adjustments of gain (loss) on foreign currency translation adjustments, foreign currency transactions designated and effective as economic hedges of a net investment in a foreign entity and intra-entity foreign currency transactions that are of a long-term-investment nature, attributable to noncontrolling interests. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 810 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 19 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481231/810-10-45-19Reference 2: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section 45 -Paragraph 20 -SubTopic 10 -Topic 810 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481231/810-10-45-20Reference 3: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section 50 -Paragraph 1A -Subparagraph (c)(3) -SubTopic 10 -Topic 810 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481203/810-10-50-1A + Details Name: us-gaap_OtherComprehensiveIncomeForeignCurrencyTransactionAndTranslationAdjustmentNetOfTaxPortionAttributableToNoncontrollingInterest Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionAmount after tax and reclassification adjustments of gain (loss) on foreign currency translation adjustments, foreign currency transactions designated and effective as economic hedges of a net investment in a foreign entity and intra-entity foreign currency transactions that are of a long-term-investment nature, attributable to parent entity. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 810 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 19 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481231/810-10-45-19Reference 2: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section 45 -Paragraph 20 -SubTopic 10 -Topic 810 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481231/810-10-45-20Reference 3: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section 50 -Paragraph 1A -Subparagraph (c)(3) -SubTopic 10 -Topic 810 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481203/810-10-50-1A + Details Name: us-gaap_OtherComprehensiveIncomeForeignCurrencyTransactionAndTranslationAdjustmentNetOfTaxPortionAttributableToParent Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionAmount, after tax and reclassification, of gain (loss) from derivative instrument designated and qualifying as cash flow hedge included in assessment of hedge effectiveness. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 944 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.7-04(19)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477250/944-220-S99-1Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 11 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482790/220-10-45-11Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 10A -Subparagraph (d) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482790/220-10-45-10A + Details Name: us-gaap_OtherComprehensiveIncomeLossCashFlowHedgeGainLossAfterReclassificationAndTax Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionAmount, after tax and reclassification, of gain (loss) from derivative instrument designated and qualifying as cash flow hedge included in assessment of hedge effectiveness, attributable to noncontrolling interest. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 11 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482790/220-10-45-11 + Details Name: us-gaap_OtherComprehensiveIncomeLossCashFlowHedgeGainLossAfterReclassificationAndTaxNoncontrollingInterest Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionAmount, after tax and reclassification, of gain (loss) from derivative instrument designated and qualifying as cash flow hedge included in assessment of hedge effectiveness, attributable to parent. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 11 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482790/220-10-45-11 + Details Name: us-gaap_OtherComprehensiveIncomeLossCashFlowHedgeGainLossAfterReclassificationAndTaxParent Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionAmount after tax and reclassification adjustments of gain (loss) on foreign currency translation adjustments, foreign currency transactions designated and effective as economic hedges of a net investment in a foreign entity and intra-entity foreign currency transactions that are of a long-term-investment nature. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section 45 -Paragraph 10A -Subparagraph (a) -SubTopic 10 -Topic 220 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482790/220-10-45-10AReference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 944 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.7-04(19)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477250/944-220-S99-1 + Details Name: us-gaap_OtherComprehensiveIncomeLossForeignCurrencyTransactionAndTranslationAdjustmentNetOfTax Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionAmount after tax and reclassification adjustments of other comprehensive income (loss). + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section 50 -Paragraph 2 -SubTopic 10 -Topic 505 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481112/505-10-50-2Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 6 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-6Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 830 -SubTopic 30 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481674/830-30-50-1Reference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 830 -SubTopic 30 -Name Accounting Standards Codification -Section 45 -Paragraph 17 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481694/830-30-45-17Reference 5: http://www.xbrl.org/2003/role/disclosureRef -Topic 944 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.7-04(19)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477250/944-220-S99-1Reference 6: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 4 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482765/220-10-50-4Reference 7: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 5 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482765/220-10-50-5Reference 8: http://www.xbrl.org/2003/role/disclosureRef -Topic 830 -SubTopic 30 -Name Accounting Standards Codification -Section 45 -Paragraph 20 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481694/830-30-45-20Reference 9: http://www.xbrl.org/2003/role/disclosureRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 2 -Subparagraph (SX 210.5-03(21)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483621/220-10-S99-2Reference 10: http://www.xbrl.org/2003/role/disclosureRef -Topic 942 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.9-04(23)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478524/942-220-S99-1Reference 11: http://www.xbrl.org/2003/role/disclosureRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 1B -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482790/220-10-45-1BReference 12: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section 55 -Paragraph 15 -SubTopic 10 -Topic 220 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482739/220-10-55-15Reference 13: http://www.xbrl.org/2003/role/disclosureRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 1A -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482790/220-10-45-1A + Details Name: us-gaap_OtherComprehensiveIncomeLossNetOfTax Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionAmount after tax of other comprehensive income (loss) attributable to noncontrolling interests. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 810 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 19 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481231/810-10-45-19Reference 2: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section 45 -Paragraph 20 -SubTopic 10 -Topic 810 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481231/810-10-45-20Reference 3: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section 50 -Paragraph 1A -Subparagraph (c)(3) -SubTopic 10 -Topic 810 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481203/810-10-50-1AReference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 6 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-6Reference 5: http://www.xbrl.org/2003/role/disclosureRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 1B -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482790/220-10-45-1BReference 6: http://www.xbrl.org/2003/role/disclosureRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 1A -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482790/220-10-45-1A + Details Name: us-gaap_OtherComprehensiveIncomeLossNetOfTaxPortionAttributableToNoncontrollingInterest Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionAmount after tax of other comprehensive income (loss) attributable to parent entity. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 810 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 19 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481231/810-10-45-19Reference 2: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section 45 -Paragraph 20 -SubTopic 10 -Topic 810 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481231/810-10-45-20Reference 3: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section 50 -Paragraph 1A -Subparagraph (c)(3) -SubTopic 10 -Topic 810 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481203/810-10-50-1AReference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 6 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-6Reference 5: http://www.xbrl.org/2003/role/disclosureRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 1B -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482790/220-10-45-1BReference 6: http://www.xbrl.org/2003/role/disclosureRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 1A -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482790/220-10-45-1A + Details Name: us-gaap_OtherComprehensiveIncomeLossNetOfTaxPortionAttributableToParent Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionAmount, after tax and reclassification adjustment, of (increase) decrease in accumulated other comprehensive income for defined benefit plan. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section 45 -Paragraph 10A -Subparagraph (j) -SubTopic 10 -Topic 220 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482790/220-10-45-10AReference 2: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section 45 -Paragraph 10A -Subparagraph (k) -SubTopic 10 -Topic 220 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482790/220-10-45-10AReference 3: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 11 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482790/220-10-45-11Reference 4: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 10A -Subparagraph (i) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482790/220-10-45-10AReference 5: http://www.xbrl.org/2003/role/disclosureRef -Topic 944 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.7-04(19)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477250/944-220-S99-1 + Details Name: us-gaap_OtherComprehensiveIncomeLossPensionAndOtherPostretirementBenefitPlansAdjustmentNetOfTax Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionThe consolidated profit or loss for the period, net of income taxes, including the portion attributable to the noncontrolling interest. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 6 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-6Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 9 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-9Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 805 -SubTopic 60 -Name Accounting Standards Codification -Section 65 -Paragraph 1 -Subparagraph (g) -Publisher FASB -URI https://asc.fasb.org/1943274/2147476176/805-60-65-1Reference 4:

http://www.xbrl.org/2003/role/disclosureRef -Topic 740 -SubTopic 323 -Name Accounting Standards Codification -Section 65 -Paragraph 2 -Subparagraph (g)(3) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478666/740-323-65-2Reference 5: http://www.xbrl.org/2003/role/disclosureRef -Topic 235 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.4-08(g)(1)(ii)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480678/235-10-S99-1Reference 6: http://www.xbrl.org/2003/role/disclosureRef -Topic 323 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481687/323-10-50-3Reference 7: http://www.xbrl.org/2003/role/disclosureRef -Topic 825 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 28 -Subparagraph (f) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482907/825-10-50-28Reference 8: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (b)(2) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-1Reference 9: http://www.xbrl.org/2003/role/disclosureRef -Topic 815 -SubTopic 40 -Name Accounting Standards Codification -Section 65 -Paragraph 1 -Subparagraph (f) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480175/815-40-65-1Reference 10: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 8 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-8Reference 11: http://www.xbrl.org/2003/role/exampleRef -Topic 946 -SubTopic 830 -Name Accounting Standards Codification -Section 55 -Paragraph 11 -Publisher FASB -URI https://asc.fasb.org/1943274/2147479168/946-830-55-11Reference 12: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 205 -Name Accounting Standards Codification -Section 45 -Paragraph 3 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478009/946-205-45-3Reference 13: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 220 -Name Accounting Standards Codification -Section 45 -Paragraph 7 -Publisher FASB -URI https://asc.fasb.org/1943274/2147479105/946-220-45-7Reference 14: http://www.xbrl.org/2003/role/disclosureRef -Topic 944 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.7-04(16)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477250/944-220-S99-1Reference 15: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.6-07(9)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479134/946-220-S99-1Reference 16: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 3 -Subparagraph (SX 210.6-09(1)(d)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479134/946-220-S99-3Reference 17: http://www.xbrl.org/2003/role/disclosureRef -Topic 810 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 19 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481231/810-10-45-19Reference 18: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 6 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482765/220-10-50-6Reference 19: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(i)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 20: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(ii)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 21: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(iii)(A)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 22: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(iv)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 23: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(5)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 24: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(4)(i)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 25: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(4)(iii)(A)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 26: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(4)(iii)(B)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 27: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(4)(iv)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 28: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(5)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 29: http://www.xbrl.org/2003/role/disclosureRef -Topic 942 -SubTopic 235 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.9-05(b)(2)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477314/942-235-S99-1Reference 30: http://www.xbrl.org/2003/role/disclosureRef -Topic 205 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 7 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483499/205-20-50-7Reference 31: http://www.xbrl.org/2003/role/exampleRef -Topic 810 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 4J -Publisher FASB -URI https://asc.fasb.org/1943274/2147481175/810-10-55-4JReference 32: http://www.xbrl.org/2003/role/exampleRef -Topic 810 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 4K -Publisher FASB -URI https://asc.fasb.org/1943274/2147481175/810-10-55-4KReference 33: http://www.xbrl.org/2003/role/disclosureRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 1A -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482790/220-10-45-1AReference 34: http://www.xbrl.org/2003/role/disclosureRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 1B -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482790/220-10-45-1BReference 35: http://www.xbrl.org/2003/role/disclosureRef -Topic 230 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 2 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-2Reference 36: http://www.xbrl.org/2003/role/disclosureRef -Topic 810 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1A -Subparagraph (a)(1) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481203/810-10-50-1AReference 37: http://www.xbrl.org/2003/role/disclosureRef -Topic 810 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1A -Subparagraph (c)(1) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481203/810-10-50-1A + Details Name: us-gaap_ProfitLoss Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - ReferencesNo definition available. + Details Name: us-gaap_StatementOfIncomeAndComprehensiveIncomeAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration XML 16 R4.htm IDEA: XBRL DOCUMENT v3.24.2.u1 Consolidated Balance Sheet (unaudited) - USD ($) $ in Millions Jun. 30, 2024 Dec. 31, 2023 Dec. 31, 2022 Current assets: Â Â Â Cash and cash equivalents (M) $ 1,396 $ 944 Â Receivables from customers (I) 939 656 Â Other receivables 135 152 Â Inventories (J) 1,975 2,158 Â Fair value of derivative instruments (M) 38 29 Â Prepaid expenses and other current assets 420 466 Â Total current assets 4,903 4,405 Â Properties, plants, and equipment 19,999 20,381 Â Less: accumulated depreciation, depletion, and amortization 13,496 13,596 Â Properties, plants, and equipment, net 6,503 6,785 Â Investments (H) 989 979 Â Deferred income taxes 311 333 Â Fair value of derivative instruments (M) 0 3 Â Other noncurrent assets 1,601 1,650 Â Total assets 14,307 14,155 Â Current liabilities: Â Â Â Accounts payable, trade 1,619 1,714 Â Accrued compensation and retirement costs 358 357 Â Taxes, including income taxes 119 88 Â Fair value of derivative instruments (M) 251 214 Â Other current liabilities 740 578 Â Long-term debt due within one year (K & M) 79 79 Â Total current liabilities 3,166 3,030 Â Long-term debt, less amount due within one year (K & M) 2,469 1,732 Â Accrued pension benefits (L) 264 278 Â Accrued other postretirement benefits (L) 427 443 Â Asset retirement obligations 699 772 Â Environmental remediation (O) 191 202 Â Fair value of derivative instruments (M) 951 1,092 Â Noncurrent income taxes 133 193 Â Other noncurrent liabilities and deferred credits 591 568 Â Total liabilities 8,891 8,310 Â CONTINGENCIES AND COMMITMENTS (O) Â Alcoa Corporation shareholdersâ€™ equity: Â Â Â Common stock 2 2 Â Additional capital 9,196 9,187 Â Accumulated deficit (1,562) (1,293) Â Accumulated other comprehensive loss (G) (3,737) (3,645) Â Total Alcoa Corporation shareholdersâ€™ equity 3,899 4,251 Â Noncontrolling interest 1,517 1,594 Â Total equity 5,416 5,845 $ 6,589 Total liabilities and equity $ 14,307 $ 14,155 Â X - DefinitionCarrying value as of the balance sheet date of liabilities incurred (and for which invoices have typically been received) and payable to vendors for goods and services received that are used in an entity's business. Used to reflect the current portion of the liabilities (due within one year or within the normal operating cycle if longer). + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(19)(a)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 2: http://www.xbrl.org/2003/role/exampleRef -Topic 852 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 10 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481372/852-10-55-10 + Details Name: us-gaap_AccountsPayableCurrent Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionAmount, after allowance for credit loss, of right to consideration from customer for product sold and service rendered in normal course of business, classified as current. + ReferencesReference 1: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 310 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 2 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481990/310-10-45-2 + Details Name: us-gaap_AccountsReceivableNetCurrent Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - DefinitionCarrying value of the obligation (known or estimated) arising from requirements to perform activities to remediate one or more sites, payable after twelve months or beyond the next operating cycle if longer. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(24)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 2: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 450 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483076/450-20-50-1Reference 3: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 410 -SubTopic 30 -Name Accounting Standards Codification -Section 50 -Paragraph 7 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481931/410-30-50-7Reference 4: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 410 -SubTopic 30 -Name Accounting Standards Codification -Section 50 -Paragraph 10 -Subparagraph (d)(1) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481931/410-30-50-10 + Details Name: us-gaap_AccruedEnvironmentalLossContingenciesNoncurrent Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionCarrying amount as of the balance sheet date of the unpaid sum of the known and estimated amounts payable to satisfy all domestic and foreign income tax obligations due beyond one year or the operating cycle, whichever is longer. Alternate captions include income taxes payable, noncurrent. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(24)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 2: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 942 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.9-03(15)(1)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478546/942-210-S99-1 + Details Name: us-gaap_AccruedIncomeTaxesNoncurrent Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionAmount of accumulated depreciation, depletion and amortization for physical assets used in the normal conduct of business to produce goods and services. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 944 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.7-03(a)(8)(b)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478777/944-210-S99-1Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(14)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 3: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 360 -SubTopic 10 -Section 50 -Paragraph 1 -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482099/360-10-50-1 + Details Name: us-gaap_AccumulatedDepreciationDepletionAndAmortizationPropertyPlantAndEquipment Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionAmount, after tax, of accumulated increase (decrease) in equity from transaction and other event and circumstance from nonowner source. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 220 -SubTopic 10 -Section 45 -Paragraph 14A -Publisher FASB -URI https://asc.fasb.org/1943274/2147482790/220-10-45-14AReference 2: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 11 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482790/220-10-45-11Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 944 -SubTopic 40 -Name Accounting Standards Codification -Section 65 -Paragraph 2 -Subparagraph (g)(2)(ii) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480016/944-40-65-2Reference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 944 -SubTopic 40 -Name Accounting Standards Codification -Section 65 -Paragraph 2 -Subparagraph (h)(2) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480016/944-40-65-2Reference 5: http://www.xbrl.org/2003/role/disclosureRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(30)(a)(4)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 6: http://www.xbrl.org/2003/role/disclosureRef -Topic 944 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.7-03(a)(23)(a)(3)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482777/944-210-S99-1Reference 7: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 220 -SubTopic 10 -Section 45 -Paragraph 14 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482790/220-10-45-14 + Details Name: us-gaap_AccumulatedOtherComprehensiveIncomeLossNetOfTax Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionValue received from shareholders in common stock-related transactions that are in excess of par value or stated value and amounts received from other stock-related transactions. Includes only common stock transactions (excludes preferred stock transactions). May be called contributed capital, capital in excess of par, capital surplus, or paid-in capital. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(30)(a)(1)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1 + Details Name: us-gaap_AdditionalPaidInCapitalCommonStock Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionNoncurrent portion of the carrying amount of a liability for an asset retirement obligation. An asset retirement obligation is a legal obligation associated with the disposal or retirement of a tangible long-lived asset that results from the acquisition, construction or development, or the normal operations of a long-lived asset, except for certain obligations of lessees. + ReferencesReference 1: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 410 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481850/410-20-50-1 + Details Name: us-gaap_AssetRetirementObligationsNoncurrent Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionAmount of asset recognized for present right to economic benefit. + ReferencesReference 1: http://www.xbrl.org/2003/role/exampleRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 48 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482785/280-10-55-48Reference 2: http://www.xbrl.org/2003/role/exampleRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 49 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482785/280-10-55-49Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 270 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (i) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482964/270-10-50-1Reference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 32 -Subparagraph (ee) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-32Reference 5: http://fasb.org/us-gaap/role/ref/otherTransitionRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 32 -Subparagraph (d) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-32Reference 6: http://www.xbrl.org/2003/role/disclosureRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 22 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-22Reference 7: http://www.xbrl.org/2003/role/disclosureRef -Topic 810 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Subparagraph (bb) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481203/810-10-50-3Reference 8: http://www.xbrl.org/2003/role/disclosureRef -Topic 810 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 25 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481231/810-10-45-25Reference 9: http://www.xbrl.org/2003/role/disclosureRef -Topic 235 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.4-08(g)(1)(ii)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480678/235-10-S99-1Reference 10: http://www.xbrl.org/2003/role/disclosureRef -

Topic 323 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481687/323-10-50-3Reference 11: http://www.xbrl.org/2003/role/disclosureRef -Topic 825 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 28 -Subparagraph (f) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482907/825-10-50-28Reference 12: http://www.xbrl.org/2003/role/exampleRef -Topic 852 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 10 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481372/852-10-55-10Reference 13: http://www.xbrl.org/2003/role/exampleRef -Topic 946 -SubTopic 830 -Name Accounting Standards Codification -Section 55 -Paragraph 12 -Publisher FASB -URI https://asc.fasb.org/1943274/2147479168/946-830-55-12Reference 14: http://www.xbrl.org/2003/role/disclosureRef -Topic 944 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.7-03(a)(12)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478777/944-210-S99-1Reference 15: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.6-04(8)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479170/946-210-S99-1Reference 16: http://www.xbrl.org/2003/role/disclosureRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(18)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 17: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(i)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 18: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(ii)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 19: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(iii)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 20: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(iii)(A)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 21: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(iv)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 22: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(5)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 23: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(4)(i)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 24: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(4)(iii)(A)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 25: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(4)(iii)(B)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 26: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(4)(iv)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 27: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(5)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 28: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 852 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 7 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481404/852-10-50-7Reference 29: http://www.xbrl.org/2003/role/disclosureRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 30 -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-30Reference 30: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 942 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.9-03(11)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478546/942-210-S99-1 + Details Name: us-gaap_Assets Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - DefinitionAmount of asset recognized for present right to economic benefit, classified as current. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 810 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Subparagraph (bb) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481203/810-10-50-3Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 810 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 25 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481231/810-10-45-25Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 235 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.4-08(g)(1)(ii)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480678/235-10-S99-1Reference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 323 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481687/323-10-50-3Reference 5: http://www.xbrl.org/2003/role/disclosureRef -Topic 825 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 28 -Subparagraph (f) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482907/825-10-50-28Reference 6: http://www.xbrl.org/2003/role/exampleRef -Topic 852 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 10 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481372/852-10-55-10Reference 7: http://www.xbrl.org/2003/role/disclosureRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 1 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483465/210-10-45-1Reference 8: http://www.xbrl.org/2003/role/disclosureRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(9)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 9: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(i)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 10: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(ii)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 11: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(iii)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 12: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(iii)(A)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 13: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(iv)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 14: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(5)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 15: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(4)(i)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 16: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(4)(iii)(A)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 17: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(4)(iii)(B)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 18: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(4)(iv)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 19: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(5)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 20: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 852 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 7 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481404/852-10-50-7 + Details Name: us-gaap_AssetsCurrent Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - ReferencesNo definition available. + Details Name: us-gaap_AssetsCurrentAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionAmount of currency on hand as well as demand deposits with banks or financial institutions. Includes other kinds of accounts that have the general characteristics of demand deposits. Also includes short-term, highly liquid investments that are both readily convertible to known amounts of cash and so near their maturity that they present insignificant risk of changes in value because of changes in interest rates. Excludes cash and cash equivalents within disposal group and discontinued operation. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(1)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 2: http://www.xbrl.org/2003/role/exampleRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 1 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483467/210-10-45-1Reference 3: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 230 -SubTopic 10 -Section 45 -Paragraph 4 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-4 + Details Name: us-gaap_CashAndCashEquivalentsAtCarryingValue Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - DefinitionRepresents the caption on the face of the balance sheet to indicate that the entity has entered into (1) purchase or supply arrangements that will require expending a portion of its resources to meet the terms thereof, and (2) is exposed to potential losses or, less frequently, gains, arising from (a) possible claims against a company's resources due to future performance under contract terms, and (b) possible losses or likely gains from uncertainties that will ultimately be resolved when one or more future events that are deemed likely to occur do occur or fail to occur. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 942 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.9-03(17)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478546/942-210-S99-1Reference 2: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(25)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 944 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.7-03(a)(19)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478777/944-210-S99-1Reference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.6-04(15)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479170/946-210-S99-1 + Details Name: us-gaap_CommitmentsAndContingencies Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionAggregate par or stated value of issued nonredeemable common stock (or common stock redeemable solely at the option of the issuer). This item includes treasury stock repurchased by the entity. Note: elements for number of nonredeemable common shares, par value and other disclosure concepts are in another section within stockholders' equity. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(29)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 2: http://www.xbrl.org/2003/role/exampleRef -Topic 852 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 10 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481372/852-10-55-10Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 944 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.7-03(a)(22)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478777/944-210-S99-1 + Details Name: us-gaap_CommonStockValue Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionCarrying amount as of the balance sheet date of unearned revenue or income, not otherwise specified in the taxonomy, which is expected to be taken into income after one year or beyond the normal operating cycle, if longer and noncurrent obligations not separately disclosed in the balance sheet (other liabilities, noncurrent). + ReferencesNo definition available. + Details Name: us-gaap_DeferredCreditsAndOtherLiabilitiesNoncurrent Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionAmount, after allocation of valuation allowances and deferred tax liability, of deferred tax asset attributable to deductible differences and carryforwards, with jurisdictional netting. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 740 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 4 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482525/740-10-45-4Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 740 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 6 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482525/740-10-45-6 + Details Name: us-gaap_DeferredIncomeTaxAssetsNet Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - DefinitionAmount of liability, recognized in statement of financial position, for defined benefit pension plan, classified as noncurrent. Excludes other postretirement benefit plan. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 715 -SubTopic 20 -Name Accounting Standards Codification -Section 45 -Paragraph 3 -Publisher FASB -URI https://asc.fasb.org/1943274/2147480535/715-20-45-3Reference 2: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(24)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 3: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 715 -SubTopic 20 -Section 45 -Paragraph 2 -Publisher FASB -URI https://asc.fasb.org/1943274/2147480535/715-20-45-2Reference 4: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 715 -SubTopic 20 -Section 50 -Paragraph 1 -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480506/715-20-50-1 + Details Name: us-gaap_DefinedBenefitPensionPlanLiabilitiesNoncurrent Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionFair value, after the effects of master netting arrangements, of a financial asset or other contract with one or more underlyings, notional amount or payment provision or both, and the contract can be net settled by means outside the contract or delivery of an asset, expected to be settled within one year or normal operating cycle, if longer. Includes assets not subject to a master netting arrangement and not elected to be offset. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 210 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483466/210-20-50-3 + Details Name: us-gaap_DerivativeAssetsCurrent Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - DefinitionFair value, after the effects of master netting arrangements, of a financial asset or other contract with one or more underlyings, notional amount or payment provision or both, and the contract can be net settled by means outside the contract or delivery of an asset, expected to be settled after one year or the normal operating cycle, if longer. Includes assets not subject to a master netting arrangement and not elected to be offset. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 210 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483466/210-20-50-3 + Details Name: us-gaap_DerivativeAssetsNoncurrent Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - DefinitionFair value, after the effects of master netting arrangements, of a financial liability or contract with one or more underlyings, notional amount or payment provision or both, and the contract can be net settled by means outside the contract or delivery of an asset, expected to be settled within one year or normal operating cycle, if longer. Includes assets not subject to a master netting arrangement and not elected to be offset. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 210 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483466/210-20-50-3 + Details Name: us-gaap_DerivativeLiabilitiesCurrent Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionFair value, after the effects of master netting arrangements, of a financial liability or contract with one or more underlyings, notional amount or payment provision or both, and the contract can be net settled by means outside the contract or delivery of an asset, expected to be settled after one year or the normal operating cycle, if longer. Includes assets not subject to a master netting arrangement and not elected to be offset. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 210 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483466/210-20-50-3 + Details Name: us-gaap_DerivativeLiabilitiesNoncurrent Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionTotal of the carrying values as of the balance sheet date of obligations incurred through that date and payable for obligations related to services

received from employees, such as accrued salaries and bonuses, payroll taxes and fringe benefits. Used to reflect the current portion of the liabilities (due within one year or within the normal operating cycle if longer). + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(20)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1 + Details Name: us-gaap_EmployeeRelatedLiabilitiesCurrent Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionAmount after valuation and LIFO reserves of inventory expected to be sold, or consumed within one year or operating cycle, if longer. + ReferencesReference 1: http://www.xbrl.org/2003/role/exampleRef -Topic 852 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 10 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481372/852-10-55-10Reference 2: http://www.xbrl.org/2003/role/exampleRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 1 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483467/210-10-45-1Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(6)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1 + Details Name: us-gaap_InventoryNet Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - DefinitionAmount of investment in equity method investee and investment in and advance to affiliate. + ReferencesReference 1: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(18)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1 + Details Name: us-gaap_InvestmentsInAffiliatesSubsidiariesAssociatesAndJointVentures Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - DefinitionAmount of liability recognized for present obligation requiring transfer or otherwise providing economic benefit to others. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(22)) -SubTopic 10 -Topic 210 -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 2: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(20)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 3: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(24)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 4: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(19)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 5: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(25)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 6: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(26)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 7: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(23)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 8: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(21)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 9: http://www.xbrl.org/2003/role/disclosureRef -Topic 810 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481203/810-10-50-3Reference 10: http://www.xbrl.org/2003/role/disclosureRef -Topic 810 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 25 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481231/810-10-45-25Reference 11: http://www.xbrl.org/2003/role/disclosureRef -Topic 810 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Subparagraph (bb) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481203/810-10-50-3Reference 12: http://www.xbrl.org/2003/role/disclosureRef -Topic 235 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.4-08(g)(1)(ii)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480678/235-10-S99-1Reference 13: http://www.xbrl.org/2003/role/disclosureRef -Topic 323 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481687/323-10-50-3Reference 14: http://www.xbrl.org/2003/role/disclosureRef -Topic 825 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 28 -Subparagraph (f) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482907/825-10-50-28Reference 15: http://www.xbrl.org/2003/role/exampleRef -Topic 946 -SubTopic 830 -Name Accounting Standards Codification -Section 55 -Paragraph 12 -Publisher FASB -URI https://asc.fasb.org/1943274/2147479168/946-830-55-12Reference 16: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.6-04(14)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479170/946-210-S99-1Reference 17: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(i)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 18: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(ii)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 19: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(iii)(A)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 20: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(iv)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 21: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(5)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 22: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(4)(i)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 23: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(4)(iii)(A)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 24: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(4)(iii)(B)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 25: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(4)(iv)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 26: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(5)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 27: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 852 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 7 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481404/852-10-50-7Reference 28: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 852 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 7 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481404/852-10-50-7Reference 29: http://www.xbrl.org/2003/role/exampleRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 30 -Subparagraph (d) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-30 + Details Name: us-gaap_Liabilities Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionAmount of liabilities and equity items, including the portion of equity attributable to noncontrolling interests, if any. + ReferencesReference 1: http://www.xbrl.org/2003/role/exampleRef -Topic 852 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 10 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481372/852-10-55-10Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 944 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.7-03(a)(25)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478777/944-210-S99-1Reference 3: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 235 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.4-08(g)(1)(ii)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480678/235-10-S99-1Reference 4: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 323 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481687/323-10-50-3Reference 5: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 825 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 28 -Subparagraph (f) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482907/825-10-50-28Reference 6: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 942 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.9-03(23)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478546/942-210-S99-1Reference 7: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(32)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1 + Details Name: us-gaap_LiabilitiesAndStockholdersEquity Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionTotal obligations incurred as part of normal operations that are expected to be paid during the following twelve months or within one business cycle, if longer. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(21)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 810 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481203/810-10-50-3Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 810 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 25 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481231/810-10-45-25Reference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 810 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Subparagraph (bb) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481203/810-10-50-3Reference 5: http://www.xbrl.org/2003/role/disclosureRef -Topic 235 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.4-08(g)(1)(ii)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480678/235-10-S99-1Reference 6: http://www.xbrl.org/2003/role/disclosureRef -Topic 323 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481687/323-10-50-3Reference 7: http://www.xbrl.org/2003/role/disclosureRef -Topic 825 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 28 -Subparagraph (f) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482907/825-10-50-28Reference 8: http://www.xbrl.org/2003/role/exampleRef -Topic 852 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 10 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481372/852-10-55-10Reference 9: http://www.xbrl.org/2003/role/disclosureRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 5 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483467/210-10-45-5Reference 10: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(i)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 11: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(ii)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 12: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(iii)(A)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 13: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(iv)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 14: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(5)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 15: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(4)(i)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 16: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(4)(iii)(A)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 17: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(4)(iii)(B)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 18: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(4)(iv)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 19: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(5)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 20: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 852 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 7 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481404/852-10-50-7Reference 21: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 852 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 7 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481404/852-10-50-7 + Details Name: us-gaap_LiabilitiesCurrent Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - ReferencesNo definition available. + Details Name: us-gaap_LiabilitiesCurrentAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionAmount of long-term debt and lease obligation, classified as noncurrent. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(22)) -SubTopic 10 -Topic 210 -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 944 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.7-03(a)(16)(a)(2)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478777/944-210-S99-1 + Details Name: us-gaap_LongTermDebtAndCapitalLeaseObligations Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionAmount of long-term debt and lease obligation, classified as current. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(20)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1 + Details Name: us-gaap_LongTermDebtAndCapitalLeaseObligationsCurrent Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionAmount of equity (deficit) attributable to noncontrolling interest. Excludes temporary equity. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(31)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 235 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.4-08(g)(1)(ii)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480678/235-10-S99-1Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 323 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481687/323-10-50-3Reference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 825 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 28 -Subparagraph (f) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482907/825-10-50-28Reference 5: http://www.xbrl.org/2003/role/disclosureRef -Topic 944 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.7-03(a)(24)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478777/944-210-S99-1Reference 6: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.6-04(19)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479170/946-210-S99-1Reference 7: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(i)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 8: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(iv)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 9: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(5)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 10:

http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(4)(i)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 11: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(4)(iv)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 12: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(5)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 13: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 942 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.9-03(22)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478546/942-210-S99-1 + Details Name: us-gaap_MinorityInterest Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionAmount of noncurrent assets classified as other. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(17)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1 + Details Name: us-gaap_OtherAssetsNoncurrent Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - DefinitionAmount of liabilities classified as other, due within one year or the normal operating cycle, if longer. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(20)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 2: http://www.xbrl.org/2003/role/exampleRef -Topic 852 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 10 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481372/852-10-55-10 + Details Name: us-gaap_OtherLiabilitiesCurrent Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionAmount of liability, recognized in statement of financial position, for defined benefit other postretirement plan, classified as noncurrent. Excludes pension plan. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 715 -SubTopic 20 -Name Accounting Standards Codification -Section 45 -Paragraph 3 -Publisher FASB -URI https://asc.fasb.org/1943274/2147480535/715-20-45-3Reference 2: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(24)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 3: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 715 -SubTopic 20 -Section 45 -Paragraph 2 -Publisher FASB -URI https://asc.fasb.org/1943274/2147480535/715-20-45-2Reference 4: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 715 -SubTopic 20 -Section 50 -Paragraph 1 -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480506/715-20-50-1 + Details Name: us-gaap_OtherPostretirementDefinedBenefitPlanLiabilitiesNoncurrent Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionAmount, after allowance, of receivables classified as other, due within one year or the operating cycle, if longer. + ReferencesNo definition available. + Details Name: us-gaap_OtherReceivablesNetCurrent Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - DefinitionAmount of asset related to consideration paid in advance for costs that provide economic benefits in future periods, and amount of other assets that are expected to be realized or consumed within one year or the normal operating cycle, if longer. + ReferencesReference 1: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(9)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1 + Details Name: us-gaap_PrepaidExpenseAndOtherAssetsCurrent Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - DefinitionAmount before accumulated depreciation, depletion and amortization of physical assets used in the normal conduct of business and not intended for resale. Examples include, but are not limited to, land, buildings, machinery and equipment, office equipment, and furniture and fixtures. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 944 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.7-03(a)(8)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478777/944-210-S99-1Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(13)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 3: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 360 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482099/360-10-50-1 + Details Name: us-gaap_PropertyPlantAndEquipmentGross Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - DefinitionAmount after accumulated depreciation, depletion and amortization of physical assets used in the normal conduct of business to produce goods and services and not intended for resale. Examples include, but are not limited to, land, buildings, machinery and equipment, office equipment, and furniture and fixtures. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Topic 360 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482099/360-10-50-1Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 842 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 7A -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478964/842-20-50-7AReference 3: http://www.xbrl.org/2003/role/exampleRef -Topic 852 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 10 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481372/852-10-55-10Reference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 944 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.7-03(a)(8)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478777/944-210-S99-1Reference 5: http://www.xbrl.org/2003/role/disclosureRef -Topic 942 -SubTopic 360 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Publisher FASB -URI https://asc.fasb.org/1943274/2147478451/942-360-50-1 + Details Name: us-gaap_PropertyPlantAndEquipmentNet Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - DefinitionAmount of accumulated undistributed earnings (deficit). + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(30)(a)(3)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 2: http://www.xbrl.org/2003/role/exampleRef -Topic 852 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 10 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481372/852-10-55-10Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 944 -SubTopic 40 -Name Accounting Standards Codification -Section 65 -Paragraph 2 -Subparagraph (g)(2)(i) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480016/944-40-65-2Reference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 944 -SubTopic 40 -Name Accounting Standards Codification -Section 65 -Paragraph 2 -Subparagraph (h)(2) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480016/944-40-65-2Reference 5: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 11 -Publisher FASB -URI https://asc.fasb.org/1943274/2147480990/946-20-50-11Reference 6: http://www.xbrl.org/2003/role/disclosureRef -Topic 944 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.7-03(a)(23)(a)(4)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478777/944-210-S99-1Reference 7: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.6-04(17)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479170/946-210-S99-1Reference 8: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 505 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.3-04) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480008/505-10-S99-1 + Details Name: us-gaap_RetainedEarningsAccumulatedDeficit Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionAmount of equity (deficit) attributable to parent. Excludes temporary equity and equity attributable to noncontrolling interest. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(29)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 2: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(30)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 3: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(31)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 4: http://www.xbrl.org/2003/role/exampleRef -Topic 852 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 10 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481372/852-10-55-10Reference 5: http://www.xbrl.org/2003/role/exampleRef -Topic 946 -SubTopic 830 -Name Accounting Standards Codification -Section 55 -Paragraph 12 -Publisher FASB -URI https://asc.fasb.org/1943274/2147479168/946-830-55-12Reference 6: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.6-04(19)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479170/946-210-S99-1Reference 7: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 2 -Subparagraph (SX 210.6-05(1)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479170/946-210-S99-2Reference 8: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 946 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 3 -Subparagraph (SX 210.6-09(4)(b)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479134/946-220-S99-3Reference 9: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 3 -Subparagraph (SX 210.6-09(6)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479134/946-220-S99-3Reference 10: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 3 -Subparagraph (SX 210.6-09(7)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479134/946-220-S99-3Reference 11: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 235 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.4-08(g)(1)(ii)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480678/235-10-S99-1Reference 12: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 323 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481687/323-10-50-3Reference 13: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 825 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 28 -Subparagraph (f) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482907/825-10-50-28Reference 14: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 310 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 2 -Subparagraph (SAB Topic 4.E) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480418/310-10-S99-2 + Details Name: us-gaap_StockholdersEquity Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - ReferencesNo definition available. + Details Name: us-gaap_StockholdersEquityAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionAmount of equity (deficit) attributable to parent and noncontrolling interest. Excludes temporary equity. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 6 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-6Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 805 -SubTopic 60 -Name Accounting Standards Codification -Section 65 -Paragraph 1 -Subparagraph (g) -Publisher FASB -URI https://asc.fasb.org/1943274/2147476176/805-60-65-1Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 805 -SubTopic 60 -Name Accounting Standards Codification -Section 65 -Paragraph 1 -Subparagraph (d)(1) -Publisher FASB -URI https://asc.fasb.org/1943274/2147476176/805-60-65-1Reference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 740 -SubTopic 323 -Name Accounting Standards Codification -Section 65 -Paragraph 2 -Subparagraph (e) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478666/740-323-65-2Reference 5: http://www.xbrl.org/2003/role/disclosureRef -Topic 740 -SubTopic 323 -Name Accounting Standards Codification -Section 65 -Paragraph 2 -Subparagraph (g)(4) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478666/740-323-65-2Reference 6: http://www.xbrl.org/2003/role/disclosureRef -Topic 740 -SubTopic 323 -Name Accounting Standards Codification -Section 65 -Paragraph 2 -Subparagraph (d)(2) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478666/740-323-65-2Reference 7: http://www.xbrl.org/2003/role/disclosureRef -Topic 740 -SubTopic 323 -Name Accounting Standards Codification -Section 65 -Paragraph 2 -Subparagraph (d)(1) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478666/740-323-65-2Reference 8: http://www.xbrl.org/2003/role/disclosureRef -Topic 848 -SubTopic 10 -Name Accounting Standards Codification -Section 65 -Paragraph 2 -Subparagraph (a)(3)(iii)(03) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483550/848-10-65-2Reference 9: http://www.xbrl.org/2003/role/disclosureRef -Topic 842 -SubTopic 10 -Name Accounting Standards Codification -Section 65 -Paragraph 8 -Subparagraph (c)(3) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479832/842-10-65-8Reference 10: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 24 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483421/250-10-45-24Reference 11: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 23 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483421/250-10-45-23Reference 12: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 5 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483421/250-10-45-5Reference 13: http://www.xbrl.org/2003/role/disclosureRef -Topic 326 -SubTopic 10 -Name Accounting Standards Codification -Section 65 -Paragraph 5 -Subparagraph (c)(2) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479654/326-10-65-5Reference 14: http://www.xbrl.org/2003/role/disclosureRef -Topic 815 -SubTopic 20 -Name Accounting Standards Codification -Section 65 -Paragraph 6 -Subparagraph (e) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480528/815-20-65-6Reference 15: http://www.xbrl.org/2003/role/disclosureRef -Topic 815 -SubTopic 20 -Name Accounting Standards Codification -Section 65 -Paragraph 6 -Subparagraph (h)(1) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480528/815-20-65-6Reference 16: http://www.xbrl.org/2003/role/disclosureRef -Topic 815 -SubTopic 20 -Name Accounting Standards Codification -Section 65 -Paragraph 6 -Subparagraph (h)(1)(i) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480528/815-20-65-6Reference 17: http://www.xbrl.org/2003/role/disclosureRef -Topic 815 -SubTopic 20 -Name Accounting Standards Codification -Section 65 -Paragraph 6 -Subparagraph (h)(1)(iii) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480528/815-20-65-6Reference 18: http://www.xbrl.org/2003/role/disclosureRef -Topic 815 -SubTopic 20 -Name Accounting Standards Codification -Section 65 -Paragraph 6 -Subparagraph (h)(1)(iv) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480528/815-20-65-6Reference 19: http://www.xbrl.org/2003/role/disclosureRef -Topic 815 -SubTopic 20 -Name Accounting Standards Codification -Section 65 -Paragraph 6 -Subparagraph (i)(3) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480528/815-20-65-6Reference 20: http://www.xbrl.org/2003/role/disclosureRef -Topic 105 -SubTopic 10 -Name Accounting Standards Codification -Section 65 -Paragraph 6 -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479343/105-10-65-6Reference 21: http://www.xbrl.org/2003/role/disclosureRef -Topic 105 -SubTopic 10 -Name Accounting Standards Codification -Section 65 -Paragraph 6 -Subparagraph (d) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479343/105-10-65-6Reference 22: http://www.xbrl.org/2003/role/disclosureRef -Topic 944 -SubTopic 40 -Name Accounting Standards Codification -Section 65 -Paragraph 2 -Subparagraph (f)(1) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480016/944-40-65-2Reference 23: http://www.xbrl.org/2003/role/disclosureRef -Topic 944 -SubTopic 40 -Name Accounting Standards Codification -Section 65 -Paragraph 2 -Subparagraph (f)(2) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480016/944-40-65-2Reference 24: http://www.xbrl.org/2003/role/disclosureRef -Topic 740 -SubTopic 10 -Name Accounting Standards Codification -Section 65 -Paragraph 8 -Subparagraph (d)(2) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482615/740-10-65-8Reference 25: http://www.xbrl.org/2003/role/disclosureRef -Topic 740 -SubTopic 10 -Name Accounting Standards Codification -Section 65 -Paragraph 8 -Subparagraph (d)(3) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482615/740-10-65-8Reference 26: http://www.xbrl.org/2003/role/disclosureRef -Topic 326 -SubTopic 10 -Name Accounting Standards Codification -Section 65 -Paragraph 4 -Subparagraph (d) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479654/326-10-65-4Reference 27: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (b)(3) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-1Reference 28: http://www.xbrl.org/2003/role/disclosureRef -Topic 815 -SubTopic 40 -Name Accounting Standards Codification -Section 65 -Paragraph 1 -Subparagraph (e)(3) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480175/815-40-65-1Reference 29: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 7 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-7Reference 30: http://www.xbrl.org/2003/role/disclosureRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 5 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482765/220-10-50-5Reference 31: http://www.xbrl.org/2003/role/disclosureRef -Topic 830 -SubTopic 30 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481674/830-30-50-1Reference 32: http://www.xbrl.org/2003/role/disclosureRef -Topic 830 -SubTopic 30 -Name Accounting Standards Codification -Section 45 -Paragraph 17 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481694/830-30-45-17Reference 33: http://www.xbrl.org/2003/role/disclosureRef -Topic 830 -SubTopic 30 -Name

Accounting Standards Codification -Section 45 -Paragraph 20 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481694/830-30-45-20Reference 34: http://www.xbrl.org/2003/role/exampleRef -Topic 946 -SubTopic 830 -Name Accounting Standards Codification -Section 55 -Paragraph 11 -Publisher FASB -URI https://asc.fasb.org/1943274/2147479168/946-830-55-11Reference 35: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 205 -Name Accounting Standards Codification -Section 45 -Paragraph 3 -Publisher FASB -URI https://asc.fasb.org/1943274/2147478009/946-205-45-3Reference 36: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 505 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Publisher FASB -URI https://asc.fasb.org/1943274/2147478448/946-505-50-3Reference 37: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.6-04(19)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479170/946-210-S99-1Reference 38: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 2 -Subparagraph (SX 210.6-05(4)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479170/946-210-S99-2Reference 39: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 946 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 3 -Subparagraph (SX 210.6-09(4)(b)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479134/946-220-S99-3Reference 40: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 3 -Subparagraph (SX 210.6-09(6)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479134/946-220-S99-3Reference 41: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 3 -Subparagraph (SX 210.6-09(7)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479134/946-220-S99-3Reference 42: http://www.xbrl.org/2003/role/disclosureRef -Topic 505 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.3-04) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480008/505-10-S99-1Reference 43: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 235 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.4-08(g)(1)(ii)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480678/235-10-S99-1Reference 44: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 323 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481687/323-10-50-3Reference 45: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 825 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 28 -Subparagraph (f) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482907/825-10-50-28Reference 46: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 810 -SubTopic 10 -Section 45 -Paragraph 15 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481231/810-10-45-15Reference 47: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 810 -SubTopic 10 -Section 45 -Paragraph 16 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481231/810-10-45-16Reference 48: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 810 -SubTopic 10 -Section 55 -Paragraph 4I -Publisher FASB -URI https://asc.fasb.org/1943274/2147481175/810-10-55-4IReference 49: http://www.xbrl.org/2003/role/disclosureRef -Topic 350 -SubTopic 60 -Name Accounting Standards Codification -Section 65 -Paragraph 1 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147476166/350-60-65-1 + Details Name: us-gaap_StockholdersEquityIncludingPortionAttributableToNoncontrollingInterest Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionCarrying value as of the balance sheet date of obligations incurred and payable for statutory income, sales, use, payroll, excise, real, property and other taxes. Used to reflect the current portion of the liabilities (due within one year or within the normal operating cycle if longer). + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(20)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 2: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(19)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1 + Details Name: us-gaap_TaxesPayableCurrent Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant XML 17 R5.htm IDEA: XBRL DOCUMENT v3.24.2.u1 Statement of Consolidated Cash Flows (unaudited) - USD ($) $ in Millions 6 Months Ended Jun. 30, 2024 Jun. 30, 2023 CASH FROM OPERATIONS Â Â Net loss $ (276) $ (353) Adjustments to reconcile net loss to cash from operations: Â Â Depreciation, depletion, and amortization 324 306 Deferred income taxes (75) (36) Equity (income) loss, net of dividends (8) 123 Restructuring and other charges, net (D) 220 173 Net loss from investing activities - asset sales (P) 17 19 Net periodic pension benefit cost (L) 5 2 Stock-based compensation 22 21 (Gain) loss on mark-to-market derivative financial contracts (19) 4 Other 31 59 Changes in assets and liabilities, excluding effects of divestitures and foreign currency translation adjustments: Â Â (Increase) decrease in receivables (283) 71 Decrease in inventories 157 22 Decrease in prepaid expenses and other current assets 23 63 Decrease in accounts payable, trade (57) (277) Decrease in accrued expenses (30) (48) Increase (decrease) in taxes, including income taxes 70 (146) Pension contributions (L) (10) (9) Decrease (increase) in noncurrent assets 25 (66) Decrease in noncurrent liabilities (72) (104) CASH PROVIDED FROM (USED FOR) OPERATIONS 64 (176) FINANCING ACTIVITIES Â Â Additions to debt 989 25 Payments on debt (266) (16) Proceeds from the exercise of employee stock options 0 1 Dividends paid on Alcoa common stock (37) (36) Payments related to tax withholding on stock-based compensation awards (15) (34) Financial contributions for the divestiture of businesses (C) (12) (25) Contributions from noncontrolling interest 65 122 Distributions to noncontrolling interest (32) (22) Other (13) 1 CASH PROVIDED FROM FINANCING ACTIVITIES 679 16 INVESTING ACTIVITIES Â Â Capital expenditures (265) (198) Proceeds from the sale of assets 2 2 Additions to investments (17) (36) Other (1) 10 CASH USED FOR INVESTING ACTIVITIES (281) (222) EFFECT OF EXCHANGE RATE CHANGES ON CASH AND CASH EQUIVALENTS AND RESTRICTED CASH (16) 5 Net change in cash and cash equivalents and restricted cash 446 (377) Cash and cash equivalents and restricted cash at beginning of year 1,047 1,474 CASH AND CASH EQUIVALENTS AND RESTRICTED CASH AT END OF PERIOD $ 1,493 $ 1,097 X - DefinitionLong term debt issued less issuance discount. + ReferencesNo definition available. + Details Name: aa_AdditionsToLongTermDebtIssuedLessIssuanceDiscount Namespace Prefix: aa_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionDefined benefit pension plans net periodic benefit cost. + ReferencesNo definition available. + Details Name: aa_DefinedBenefitPensionPlansNetPeriodicBenefitCost Namespace Prefix: aa_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionGain on mark-to-market derivative financial contracts. + ReferencesNo definition available. + Details Name: aa_GainOnMarkToMarketDerivativeFinancialContracts Namespace Prefix: aa_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionPayments for financial contributions for the divestiture of businesses. + ReferencesNo definition available. + Details Name: aa_PaymentsForFinancialContributionsForTheDivestitureOfBusinesses Namespace Prefix: aa_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionRestructuring and other charges (benefit) net. + ReferencesNo definition available. + Details Name: aa_RestructuringAndOtherChargesBenefitNet Namespace Prefix: aa_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - ReferencesNo definition available. + Details Name: us-gaap_AdjustmentsToReconcileNetIncomeLossToCashProvidedByUsedInOperatingActivitiesAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionAmount of cash and cash equivalents, and cash and cash equivalents restricted to withdrawal or usage. Excludes amount for disposal group and discontinued operations. Cash includes, but is not limited to, currency on hand, demand deposits with banks or financial institutions, and other accounts with general characteristics of demand deposits. Cash equivalents include, but are not limited to, short-term, highly liquid investments that are both readily convertible to known amounts of cash and so near their maturity that they present insignificant risk of changes in value because of changes in interest rates. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 230 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 8 -Publisher FASB -URI https://asc.fasb.org/1943274/230-10-50-8Reference 2: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 230 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 24 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-24Reference 3: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 230 -SubTopic 10 -Section 45 -Paragraph 4 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-4 + Details Name: us-gaap_CashCashEquivalentsRestrictedCashAndRestrictedCashEquivalents Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - DefinitionAmount of increase (decrease) in cash, cash equivalents, and cash and cash equivalents restricted to withdrawal or usage; including effect from exchange rate change. Cash includes, but is not limited to, currency on hand, demand deposits with banks or financial institutions, and other accounts with general characteristics of demand deposits. Cash equivalents include, but are not limited to, short-term, highly liquid investments that are both readily convertible to known amounts of cash and so near their maturity that they present insignificant risk of changes in value because of changes in interest rates. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 230 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 24 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-24Reference 2: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section 45 -Paragraph 1 -SubTopic 230 -Topic 830 -Publisher FASB -URI https://asc.fasb.org/1943274/2147477401/830-230-45-1 + Details Name: us-gaap_CashCashEquivalentsRestrictedCashAndRestrictedCashEquivalentsPeriodIncreaseDecreaseIncludingExchangeRateEffect Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionAmount of deferred income tax expense (benefit) pertaining to income (loss) from continuing operations. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section 45 -Paragraph 28 -Subparagraph (b) -SubTopic 10 -Topic 230 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-28Reference 2: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 235 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.4-08(h)(1)(Note 1)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480678/235-10-S99-1Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Name Accounting Standards Codification -Section 50 -Paragraph 9 -Subparagraph (b) -SubTopic 10 -Topic 740 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482685/740-10-50-9 + Details Name: us-gaap_DeferredIncomeTaxExpenseBenefit Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionThe aggregate expense recognized in the current period that allocates the cost of tangible assets, intangible assets, or depleting assets to periods that benefit from use of the assets. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section 45 -Paragraph 28 -Subparagraph (b) -SubTopic 10 -Topic 230 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-28Reference 2: http://www.xbrl.org/2003/role/exampleRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 48 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482785/280-10-55-48Reference 3: http://www.xbrl.org/2003/role/exampleRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 49 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482785/280-10-55-49Reference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 270 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (i) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482964/270-10-50-1Reference 5: http://www.xbrl.org/2003/role/disclosureRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 32 -Subparagraph (ee) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-32Reference 6: http://www.xbrl.org/2003/role/disclosureRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 22 -Subparagraph (e) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-22 + Details Name: us-gaap_DepreciationDepletionAndAmortization Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionAmount of increase (decrease) from effect of exchange rate changes on cash and cash equivalents, and cash and cash equivalents restricted to withdrawal or usage; held in foreign currencies. Excludes amounts for disposal group and discontinued operations. Cash includes, but is not limited to, currency on hand, demand deposits with banks or financial institutions, and other accounts with general characteristics of demand deposits. Cash equivalents include, but are not limited to, short-term, highly liquid investments that are both readily convertible to known amounts of cash and so near their maturity that they present insignificant risk of changes in value because of changes in interest rates. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 830 -SubTopic 230 -Name Accounting Standards Codification -Section 45 -Paragraph 1 -Publisher FASB -URI https://asc.fasb.org/1943274/2147477401/830-230-45-1 + Details Name: us-gaap_EffectOfExchangeRateOnCashCashEquivalentsRestrictedCashAndRestrictedCashEquivalents Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionAmount of gain (loss) on sale or disposal of assets, including but not limited to property plant and equipment, intangible assets and equity in securities of subsidiaries or equity method investee. + ReferencesReference 1: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 230 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 28 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-28 + Details Name: us-gaap_GainLossOnDispositionOfAssets1 Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionThis element represents the undistributed income (or loss) of equity method investments, net of dividends or other distributions received from unconsolidated subsidiaries, certain corporate joint ventures, and certain noncontrolled corporations; such investments are accounted for under the equity method of accounting. This element excludes distributions that constitute a return of investment, which are classified as investing activities. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section 45 -Paragraph 28 -Subparagraph (b) -SubTopic 10 -Topic 230 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-28 + Details Name: us-gaap_IncomeLossFromEquityMethodInvestmentsNetOfDividendsOrDistributions Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionChange in recurring obligations of a business that arise from the acquisition of merchandise, materials, supplies and services used in the production and sale of goods and services. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section 45 -Paragraph 28 -Subparagraph (a) -SubTopic 10 -Topic 230 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-28 + Details Name: us-gaap_IncreaseDecreaseInAccountsPayableTrade Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionThe increase (decrease) during the reporting period in the aggregate amount of expenses incurred but not yet paid. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section 45 -Paragraph 28 -Subparagraph (a) -SubTopic 10 -Topic 230 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-28 + Details Name: us-gaap_IncreaseDecreaseInAccruedLiabilities Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionThe increase (decrease) during the reporting period of all taxes owed but not paid, including income, property and other taxes. + ReferencesReference 1: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 230 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 28 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-28 + Details Name: us-gaap_IncreaseDecreaseInAccruedTaxesPayable Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionThe increase (decrease) during the reporting period in the aggregate value of all inventory held by the reporting entity, associated with underlying transactions that are classified as operating activities. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section 45 -Paragraph 28 -Subparagraph (a) -SubTopic 10 -Topic 230 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-28 + Details Name: us-gaap_IncreaseDecreaseInInventories Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - ReferencesNo definition available. + Details Name: us-gaap_IncreaseDecreaseInOperatingCapitalAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionAmount of increase (decrease) in noncurrent assets classified as other. + ReferencesReference 1: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 230 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 28 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-28 + Details Name: us-gaap_IncreaseDecreaseInOtherNoncurrentAssets Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionAmount of increase (decrease) in noncurrent operating liabilities classified as other. + ReferencesNo definition available. + Details Name: us-gaap_IncreaseDecreaseInOtherNoncurrentLiabilities Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionAmount of increase (decrease) in prepaid expenses, and assets classified as other. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section 45 -Paragraph 28 -Subparagraph (a) -SubTopic 10 -Topic 230 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-28 + Details Name: us-gaap_IncreaseDecreaseInPrepaidDeferredExpenseAndOtherAssets Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionThe increase (decrease) during the reporting period in the total amount due within one year (or one

operating cycle) from all parties, associated with underlying transactions that are classified as operating activities. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section 45 -Paragraph 28 -Subparagraph (a) -SubTopic 10 -Topic 230 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-28 + Details Name: us-gaap_IncreaseDecreaseInReceivables Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionAmount of cash inflow (outflow) from financing activities, including discontinued operations. Financing activity cash flows include obtaining resources from owners and providing them with a return on, and a return of, their investment; borrowing money and repaying amounts borrowed, or settling the obligation; and obtaining and paying for other resources obtained from creditors on long-term credit. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 230 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 24 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-24 + Details Name: us-gaap_NetCashProvidedByUsedInFinancingActivities Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - ReferencesNo definition available. + Details Name: us-gaap_NetCashProvidedByUsedInFinancingActivitiesAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionAmount of cash inflow (outflow) from investing activities, including discontinued operations. Investing activity cash flows include making and collecting loans and acquiring and disposing of debt or equity instruments and property, plant, and equipment and other productive assets. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 230 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 24 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-24 + Details Name: us-gaap_NetCashProvidedByUsedInInvestingActivities Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - ReferencesNo definition available. + Details Name: us-gaap_NetCashProvidedByUsedInInvestingActivitiesAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionAmount of cash inflow (outflow) from operating activities, including discontinued operations. Operating activity cash flows include transactions, adjustments, and changes in value not defined as investing or financing activities. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 230 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 28 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-28Reference 2: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 230 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 24 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-24Reference 3: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 230 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 25 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-25 + Details Name: us-gaap_NetCashProvidedByUsedInOperatingActivities Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: na Period Type: duration X - ReferencesNo definition available. + Details Name: us-gaap_NetCashProvidedByUsedInOperatingActivitiesAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionAmount of income (expense) included in net income that results in no cash inflow (outflow), classified as other. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 230 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 28 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-28 + Details Name: us-gaap_OtherNoncashIncomeExpense Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionAmount of cash (inflow) outflow from investing activities classified as other. + ReferencesReference 1: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 230 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 13 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-13Reference 2: http://www.xbrl.org/2009/role/commonPracticeRef -Name Accounting Standards Codification -Section 45 -Paragraph 12 -SubTopic 10 -Topic 230 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-12 + Details Name: us-gaap_PaymentsForProceedsFromOtherInvestingActivities Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionAmount of cash outflow in the form of ordinary dividends to common shareholders of the parent entity. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 230 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 15 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-15 + Details Name: us-gaap_PaymentsOfDividendsCommonStock Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionAmount of cash outflow in the form of ordinary dividends provided by the non-wholly owned subsidiary to noncontrolling interests. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 230 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 15 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-15 + Details Name: us-gaap_PaymentsOfDividendsMinorityInterest Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionAmount of cash outflow to satisfy grantee's tax withholding obligation for award under share-based payment arrangement. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 230 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 15 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-15 + Details Name: us-gaap_PaymentsRelatedToTaxWithholdingForShareBasedCompensation Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionThe cash outflow associated with the purchase of all investments (debt, security, other) during the period. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 230 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 13 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-13 + Details Name: us-gaap_PaymentsToAcquireInvestments Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionThe cash outflow associated with the acquisition of long-lived, physical assets that are used in the normal conduct of business to produce goods and services and not intended for resale; includes cash outflows to pay for construction of self-constructed assets. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 230 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 13 -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-13 + Details Name: us-gaap_PaymentsToAcquirePropertyPlantAndEquipment Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionAmount of cash outflow for pension benefit. Includes, but is not limited to, employer contribution to fund plan asset and payment to retiree. Excludes other postretirement benefit. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section 45 -Paragraph 25 -Subparagraph (g) -SubTopic 10 -Topic 230 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-25 + Details Name: us-gaap_PensionContributions Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionAmount of cash inflow from a noncontrolling interest. Includes, but is not limited to, purchase of additional shares or other increase in noncontrolling interest ownership. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 230 -SubTopic 10 -Section 45 -Paragraph 14 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-14 + Details Name: us-gaap_ProceedsFromMinorityShareholders Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionAmount of cash inflow (outflow) from financing activities classified as other. + ReferencesReference 1: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 230 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 14 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-14Reference 2: http://www.xbrl.org/2009/role/commonPracticeRef -Name Accounting Standards Codification -Section 45 -Paragraph 15 -SubTopic 10 -Topic 230 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-15 + Details Name: us-gaap_ProceedsFromPaymentsForOtherFinancingActivities Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionThe cash inflow from the sale of long-lived, physical assets that are used in the normal conduct of business to produce goods and services and not intended for resale. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 230 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 12 -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-12 + Details Name: us-gaap_ProceedsFromSaleOfPropertyPlantAndEquipment Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionAmount of cash inflow from exercise of option under share-based payment arrangement. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section 45 -Paragraph 14 -Subparagraph (a) -SubTopic 10 -Topic 230 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-14Reference 2: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section 50 -Paragraph 2A -Subparagraph (a) -SubTopic 10 -Topic 718 -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2A + Details Name: us-gaap_ProceedsFromStockOptionsExercised Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionThe consolidated profit or loss for the period, net of income taxes, including the portion attributable to the noncontrolling interest. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 6 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-6Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 9 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-9Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 805 -SubTopic 60 -Name Accounting Standards Codification -Section 65 -Paragraph 1 -Subparagraph (g) -Publisher FASB -URI https://asc.fasb.org/1943274/2147476176/805-60-65-1Reference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 740 -SubTopic 323 -Name Accounting Standards Codification -Section 65 -Paragraph 2 -Subparagraph (g)(3) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478666/740-323-65-2Reference 5: http://www.xbrl.org/2003/role/disclosureRef -Topic 235 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.4-08(g)(1)(ii)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480678/235-10-S99-1Reference 6: http://www.xbrl.org/2003/role/disclosureRef -Topic 323 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481687/323-10-50-3Reference 7: http://www.xbrl.org/2003/role/disclosureRef -Topic 825 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 28 -Subparagraph (f) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482907/825-10-50-28Reference 8: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (b)(2) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-1Reference 9: http://www.xbrl.org/2003/role/disclosureRef -Topic 815 -SubTopic 40 -Name Accounting Standards Codification -Section 65 -Paragraph 1 -Subparagraph (f) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480175/815-40-65-1Reference 10: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 8 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-8Reference 11: http://www.xbrl.org/2003/role/exampleRef -Topic 946 -SubTopic 830 -Name Accounting Standards Codification -Section 55 -Paragraph 11 -Publisher FASB -URI https://asc.fasb.org/1943274/2147479168/946-830-55-11Reference 12: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 205 -Name Accounting Standards Codification -Section 45 -Paragraph 3 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478009/946-205-45-3Reference 13: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 220 -Name Accounting Standards Codification -Section 45 -Paragraph 7 -Publisher FASB -URI https://asc.fasb.org/1943274/2147479105/946-220-45-7Reference 14: http://www.xbrl.org/2003/role/disclosureRef -Topic 944 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.7-04(16)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477250/944-220-S99-1Reference 15: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.6-07(9)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479134/946-220-S99-1Reference 16: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 3 -Subparagraph (SX 210.6-09(1)(d)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479134/946-220-S99-3Reference 17: http://www.xbrl.org/2003/role/disclosureRef -Topic 810 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 19 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481231/810-10-45-19Reference 18: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 6 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482765/220-10-50-6Reference 19: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(i)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 20: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(ii)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 21: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(iii)(A)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 22: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(iv)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 23: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(5)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 24: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(4)(i)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 25: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(4)(iii)(A)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 26: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(4)(iii)(B)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 27: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(4)(iv)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 28: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(5)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 29: http://www.xbrl.org/2003/role/disclosureRef -Topic 942 -SubTopic 235 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.9-05(b)(2)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477314/942-235-S99-1Reference 30: http://www.xbrl.org/2003/role/disclosureRef -Topic 205 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 7 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483499/205-20-50-7Reference 31: http://www.xbrl.org/2003/role/exampleRef -Topic 810 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 4J -Publisher FASB -URI https://asc.fasb.org/1943274/2147481175/810-10-55-4JReference 32: http://www.xbrl.org/2003/role/exampleRef -Topic 810 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 4K -Publisher FASB -URI https://asc.fasb.org/1943274/2147481175/810-10-55-4KReference 33: http://www.xbrl.org/2003/role/disclosureRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 1A -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482790/220-10-45-1AReference 34: http://www.xbrl.org/2003/role/disclosureRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 1B -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482790/220-10-45-1BReference 35: http://www.xbrl.org/2003/role/disclosureRef -Topic 230 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 2 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-2Reference 36: http://www.xbrl.org/2003/role/disclosureRef -Topic 810 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1A -Subparagraph (a)(1) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481203/810-10-50-1AReference 37: http://www.xbrl.org/2003/role/disclosureRef -Topic 810 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1A -Subparagraph (c)(1) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481203/810-10-50-1A + Details Name: us-gaap_ProfitLoss Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionThe cash outflow for debt initially having maturity due after one year or beyond the normal operating cycle, if longer. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 230 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 15 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-15Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 3 -Subparagraph (SX 210.6-03(i)(2)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479886/946-10-S99-3 + Details Name: us-gaap_RepaymentsOfLongTermDebt Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionAmount of noncash expense for share-based payment arrangement. +

ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section 45 -Paragraph 28 -Subparagraph (a) -SubTopic 10 -Topic 230 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-28 + Details Name: us-gaap_ShareBasedCompensation Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration XML 18 R6.htm IDEA: XBRL DOCUMENT v3.24.2.u1 Statement of Changes in Consolidated Equity (unaudited) - USD ($) $ in Millions Total Common Stock [Member] Additional Capital [Member] Accumulated Deficit [Member] Accumulated other comprehensive (loss) income [Member] Non-controlling Interest [Member] Balance at Dec. 31, 2022 $ 6,589 $ 2 $ 9,183 $ (570) $ (3,539) $ 1,513 Net income (loss) (232) Â (231) Â (1) Other comprehensive income (loss) (G) (101) Â Â (116) 15 Stock-based compensation 10 Â 10 Â Â Â Net effect of tax withholding for compensation plans and exercise of stock options (33) Â (33) Â Â Â Dividends paid on Alcoa common stock ($0.10 per share) (18) Â (18) Â Â Contributions 86 Â Â Â 86 Distributions (6) Â Â Â (6) Other 1 Â 2 Â Â (1) Balance at Mar. 31, 2023 6,296 2 9,162 (819) (3,655) 1,606 Balance at Dec. 31, 2022 6,589 2 9,183 (570) (3,539) 1,513 Net income (loss) (353) Â Â Â Â Other comprehensive income (loss) (G) 169 Â Â Â Balance at Jun. 30, 2023 6,458 2 9,173 (939) (3,394) 1,616 Balance at Mar. 31, 2023 6,296 2 9,162 (819) (3,655) 1,606 Net income (loss) (121) Â (102) Â (19) Other comprehensive income (loss) (G) 270 Â Â 261 9 Stock-based compensation 11 Â 11 Â Â Â Dividends paid on Alcoa common stock ($0.10 per share) (18) Â (18) Â Â Contributions 36 Â Â Â 36 Distributions (16) Â Â Â (16) Balance at Jun. 30, 2023 6,458 2 9,173 (939) (3,394) 1,616 Balance at Dec. 31, 2023 5,845 2 9,187 (1,293) (3,645) 1,594 Net income (loss) (307) Â (252) Â (55) Other comprehensive income (loss) (G) (36) Â Â 17 (53) Stock-based compensation 10 Â 10 Â Â Â Net effect of tax withholding for compensation plans and exercise of stock options (15) Â (15) Â Â Â Dividends paid on Alcoa common stock ($0.10 per share) (19) Â (19) Â Â Contributions 61 Â Â Â 61 Distributions (6) Â Â Â (6) Other 1 Â 2 Â Â (1) Balance at Mar. 31, 2024 5,534 2 9,184 (1,564) (3,628) 1,540 Balance at Dec. 31, 2023 5,845 2 9,187 (1,293) (3,645) 1,594 Net income (loss) (276) Â Â Â Â Other comprehensive income (loss) (G) (157) Â Â Â Balance at Jun. 30, 2024 5,416 2 9,196 (1,562) (3,737) 1,517 Balance at Mar. 31, 2024 5,534 2 9,184 (1,564) (3,628) 1,540 Net income (loss) 31 Â 20 Â 11 Other comprehensive income (loss) (G) (121) Â Â (109) (12) Stock-based compensation 12 Â 12 Â Â Â Dividends paid on Alcoa common stock ($0.10 per share) (18) Â (18) Â Â Contributions 4 Â Â Â 4 Distributions (26) Â Â Â (26) Balance at Jun. 30, 2024 $ 5,416 $ 2 $ 9,196 $ (1,562) $ (3,737) $ 1,517 X - DefinitionThe minority interest increase decrease from capital contribution from noncontrolling interest holders. + ReferencesNo definition available. + Details Name: aa_MinorityInterestIncreaseDecreaseFromCapitalContributionFromNoncontrollingInterestHolders Namespace Prefix: aa_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionNet Effect Of Tax Withholding, Share Based Compensation Arrangement and Stock Options Exercised + ReferencesNo definition available. + Details Name: aa_NetEffectOfTaxWithholdingShareBasedCompensationArrangementAndStockOptionsExercised Namespace Prefix: aa_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionAmount of increase to additional paid-in capital (APIC) for recognition of cost for award under share-based payment arrangement. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 35 -Paragraph 2 -Publisher FASB -URI https://asc.fasb.org/1943274/2147480483/718-10-35-2Reference 2: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 718 -SubTopic 20 -Section 55 -Paragraph 13 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481089/718-20-55-13Reference 3: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 718 -SubTopic 20 -Section 55 -Paragraph 12 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481089/718-20-55-12 + Details Name: us-gaap_AdjustmentsToAdditionalPaidInCapitalSharebasedCompensationRequisiteServicePeriodRecognitionValue Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionAmount of paid and unpaid common stock dividends declared with the form of settlement in cash, stock and payment-in-kind (PIK). + ReferencesReference 1: http://fasb.org/us-gaap/role/legacyRef -Topic 505 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.3-04) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480008/505-10-S99-1Reference 2: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section 45 -Paragraph 2 -SubTopic 405 -Topic 942 -Publisher FASB -URI https://asc.fasb.org/1943274/2147477787/942-405-45-2 + Details Name: us-gaap_DividendsCommonStock Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionDecrease in noncontrolling interest balance from payment of dividends or other distributions by the non-wholly owned subsidiary or partially owned entity, included in the consolidation of the parent entity, to the noncontrolling interest holders. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 505 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.3-04) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480008/505-10-S99-1 + Details Name: us-gaap_MinorityInterestDecreaseFromDistributionsToNoncontrollingInterestHolders Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionAmount after tax and reclassification adjustments of other comprehensive income (loss). + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section 50 -Paragraph 2 -SubTopic 10 -Topic 505 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481112/505-10-50-2Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 6 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-6Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 830 -SubTopic 30 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481674/830-30-50-1Reference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 830 -SubTopic 30 -Name Accounting Standards Codification -Section 45 -Paragraph 17 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481694/830-30-45-17Reference 5: http://www.xbrl.org/2003/role/disclosureRef -Topic 944 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.7-04(19)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482765/220-10-50-4Reference 6: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 4 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482765/220-10-50-4Reference 7: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 5 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482765/220-10-50-5Reference 8: http://www.xbrl.org/2003/role/disclosureRef -Topic 830 -SubTopic 30 -Name Accounting Standards Codification -Section 45 -Paragraph 20 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481694/830-30-45-20Reference 9: http://www.xbrl.org/2003/role/disclosureRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 2 -Subparagraph (SX 210.5-03(21)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483621/220-10-S99-2Reference 10: http://www.xbrl.org/2003/role/disclosureRef -Topic 942 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.9-04(23)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478524/942-220-S99-1Reference 11: http://www.xbrl.org/2003/role/disclosureRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 1B -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482790/220-10-45-1BReference 12: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section 55 -Paragraph 15 -SubTopic 10 -Topic 220 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482739/220-10-55-15Reference 13: http://www.xbrl.org/2003/role/disclosureRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 1A -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482790/220-10-45-1A + Details Name: us-gaap_OtherComprehensiveIncomeLossNetOfTax Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionThe consolidated profit or loss for the period, net of income taxes, including the portion attributable to the noncontrolling interest. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 6 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-6Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 9 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-9Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 805 -SubTopic 60 -Name Accounting Standards Codification -Section 65 -Paragraph 1 -Subparagraph (g) -Publisher FASB -URI https://asc.fasb.org/1943274/2147476176/805-60-65-1Reference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 740 -SubTopic 323 -Name Accounting Standards Codification -Section 65 -Paragraph 2 -Subparagraph (g)(3) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478666/740-323-65-2Reference 5: http://www.xbrl.org/2003/role/disclosureRef -Topic 235 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.4-08(g)(1)(ii)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480678/235-10-S99-1Reference 6: http://www.xbrl.org/2003/role/disclosureRef -Topic 323 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481687/323-10-50-3Reference 7: http://www.xbrl.org/2003/role/disclosureRef -Topic 825 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 28 -Subparagraph (f) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482907/825-10-50-28Reference 8: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (b)(2) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-1Reference 9: http://www.xbrl.org/2003/role/disclosureRef -Topic 815 -SubTopic 40 -Name Accounting Standards Codification -Section 65 -Paragraph 1 -Subparagraph (f) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480175/815-40-65-1Reference 10: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 8 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-8Reference 11: http://www.xbrl.org/2003/role/exampleRef -Topic 946 -SubTopic 830 -Name Accounting Standards Codification -Section 55 -Paragraph 11 -Publisher FASB -URI https://asc.fasb.org/1943274/2147479168/946-830-55-11Reference 12: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 205 -Name Accounting Standards Codification -Section 45 -Paragraph 3 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478009/946-205-45-3Reference 13: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 220 -Name Accounting Standards Codification -Section 45 -Paragraph 7 -Publisher FASB -URI https://asc.fasb.org/1943274/2147479105/946-220-45-7Reference 14: http://www.xbrl.org/2003/role/disclosureRef -Topic 944 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.7-04(16)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477250/944-220-S99-1Reference 15: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.6-07(9)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479134/946-220-S99-1Reference 16: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 3 -Subparagraph (SX 210.6-09(1)(d)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479134/946-220-S99-3Reference 17: http://www.xbrl.org/2003/role/disclosureRef -Topic 810 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 19 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481231/810-10-45-19Reference 18: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 6 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482765/220-10-50-6Reference 19: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(i)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 20: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(ii)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 21: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(iii)(A)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 22: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(iv)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 23: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(5)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 24: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(4)(i)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 25: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(4)(iii)(A)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 26: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(4)(iii)(B)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 27: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(4)(iv)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 28: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(5)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 29: http://www.xbrl.org/2003/role/disclosureRef -Topic 942 -SubTopic 235 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.9-05(b)(2)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477314/942-235-S99-1Reference 30: http://www.xbrl.org/2003/role/disclosureRef -Topic 205 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 7 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483499/205-20-50-7Reference 31: http://www.xbrl.org/2003/role/exampleRef -Topic 810 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 4J -Publisher FASB -URI https://asc.fasb.org/1943274/2147481175/810-10-55-4JReference 32: http://www.xbrl.org/2003/role/exampleRef -Topic 810 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 4K -Publisher FASB -URI https://asc.fasb.org/1943274/2147481175/810-10-55-4KReference 33: http://www.xbrl.org/2003/role/disclosureRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 1A -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482790/220-10-45-1AReference 34: http://www.xbrl.org/2003/role/disclosureRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 1B -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482790/220-10-45-1BReference 35: http://www.xbrl.org/2003/role/disclosureRef -Topic 230 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 2 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-2Reference 36: http://www.xbrl.org/2003/role/disclosureRef -Topic 810 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1A -Subparagraph (a)(1) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481203/810-10-50-1AReference 37: http://www.xbrl.org/2003/role/disclosureRef -Topic 810 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1A -Subparagraph (c)(1) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481203/810-10-50-1A + Details Name: us-gaap_ProfitLoss Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionAmount of equity (deficit) attributable to parent and noncontrolling interest. Excludes temporary equity. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 6 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-6Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 805 -SubTopic 60 -Name Accounting Standards Codification -Section 65 -Paragraph 1 -Subparagraph (g) -Publisher FASB -URI https://asc.fasb.org/1943274/2147476176/805-60-65-1Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 805 -SubTopic 60 -Name Accounting Standards Codification -Section 65 -Paragraph 1 -Subparagraph (d)(1) -Publisher FASB -URI https://asc.fasb.org/1943274/2147476176/805-60-65-1Reference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 740 -SubTopic 323 -Name Accounting Standards Codification -Section 65 -Paragraph 2 -Subparagraph (e) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478666/740-323-65-2Reference 5: http://www.xbrl.org/2003/role/disclosureRef -Topic 740 -SubTopic 323 -Name Accounting Standards Codification -Section 65 -Paragraph 2 -Subparagraph (g)(4) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478666/740-323-65-2Reference 6: http://www.xbrl.org/2003/role/disclosureRef -Topic 740 -SubTopic 323 -Name Accounting Standards Codification -Section 65 -Paragraph 2 -Subparagraph (d)(2) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478666/740-323-65-2Reference 7: http://www.xbrl.org/2003/role/disclosureRef -Topic 740 -SubTopic 323 -Name Accounting Standards Codification -Section 65 -Paragraph 2 -Subparagraph (d)(1) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478666/740-323-65-2Reference 8: http://www.xbrl.org/2003/role/disclosureRef -Topic 848 -SubTopic 10 -Name Accounting Standards Codification -Section 65 -Paragraph 2 -Subparagraph (a)(3)(iii)(03) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483550/848-10-65-2Reference 9: http://www.xbrl.org/2003/role/disclosureRef -Topic 842 -SubTopic 10 -Name Accounting Standards Codification -Section 65 -Paragraph 8 -Subparagraph (c)(3) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479832/842-10-65-8Reference 10: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 24 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483421/250-10-45-24Reference 11: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name

Accounting Standards Codification -Section 45 -Paragraph 23 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483421/250-10-45-23Reference 12: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 5 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483421/250-10-45-5Reference 13: http://www.xbrl.org/2003/role/disclosureRef -Topic 326 -SubTopic 10 -Name Accounting Standards Codification -Section 65 -Paragraph 5 -Subparagraph (c)(2) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479654/326-10-65-5Reference 14: http://www.xbrl.org/2003/role/disclosureRef -Topic 815 -SubTopic 20 -Name Accounting Standards Codification -Section 65 -Paragraph 6 -Subparagraph (e) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480528/815-20-65-6Reference 15: http://www.xbrl.org/2003/role/disclosureRef -Topic 815 -SubTopic 20 -Name Accounting Standards Codification -Section 65 -Paragraph 6 -Subparagraph (h)(1) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480528/815-20-65-6Reference 16: http://www.xbrl.org/2003/role/disclosureRef -Topic 815 -SubTopic 20 -Name Accounting Standards Codification -Section 65 -Paragraph 6 -Subparagraph (h)(1)(i) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480528/815-20-65-6Reference 17: http://www.xbrl.org/2003/role/disclosureRef -Topic 815 -SubTopic 20 -Name Accounting Standards Codification -Section 65 -Paragraph 6 -Subparagraph (h)(1)(iii) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480528/815-20-65-6Reference 18: http://www.xbrl.org/2003/role/disclosureRef -Topic 815 -SubTopic 20 -Name Accounting Standards Codification -Section 65 -Paragraph 6 -Subparagraph (h)(1)(iv) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480528/815-20-65-6Reference 19: http://www.xbrl.org/2003/role/disclosureRef -Topic 815 -SubTopic 20 -Name Accounting Standards Codification -Section 65 -Paragraph 6 -Subparagraph (i)(3) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480528/815-20-65-6Reference 20: http://www.xbrl.org/2003/role/disclosureRef -Topic 105 -SubTopic 10 -Name Accounting Standards Codification -Section 65 -Paragraph 6 -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479343/105-10-65-6Reference 21: http://www.xbrl.org/2003/role/disclosureRef -Topic 105 -SubTopic 10 -Name Accounting Standards Codification -Section 65 -Paragraph 6 -Subparagraph (d) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479343/105-10-65-6Reference 22: http://www.xbrl.org/2003/role/disclosureRef -Topic 944 -SubTopic 40 -Name Accounting Standards Codification -Section 65 -Paragraph 2 -Subparagraph (f)(1) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480016/944-40-65-2Reference 23: http://www.xbrl.org/2003/role/disclosureRef -Topic 944 -SubTopic 40 -Name Accounting Standards Codification -Section 65 -Paragraph 2 -Subparagraph (f)(2) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480016/944-40-65-2Reference 24: http://www.xbrl.org/2003/role/disclosureRef -Topic 740 -SubTopic 10 -Name Accounting Standards Codification -Section 65 -Paragraph 8 -Subparagraph (d)(2) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482615/740-10-65-8Reference 25: http://www.xbrl.org/2003/role/disclosureRef -Topic 740 -SubTopic 10 -Name Accounting Standards Codification -Section 65 -Paragraph 8 -Subparagraph (d)(3) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482615/740-10-65-8Reference 26: http://www.xbrl.org/2003/role/disclosureRef -Topic 326 -SubTopic 10 -Name Accounting Standards Codification -Section 65 -Paragraph 4 -Subparagraph (d) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479654/326-10-65-4Reference 27: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (b)(3) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-1Reference 28: http://www.xbrl.org/2003/role/disclosureRef -Topic 815 -SubTopic 40 -Name Accounting Standards Codification -Section 65 -Paragraph 1 -Subparagraph (e)(3) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480175/815-40-65-1Reference 29: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 7 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-7Reference 30: http://www.xbrl.org/2003/role/disclosureRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 5 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482765/220-10-50-5Reference 31: http://www.xbrl.org/2003/role/disclosureRef -Topic 830 -SubTopic 30 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481674/830-30-50-1Reference 32: http://www.xbrl.org/2003/role/disclosureRef -Topic 830 -SubTopic 30 -Name Accounting Standards Codification -Section 45 -Paragraph 17 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481694/830-30-45-17Reference 33: http://www.xbrl.org/2003/role/disclosureRef -Topic 830 -SubTopic 30 -Name Accounting Standards Codification -Section 45 -Paragraph 20 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481694/830-30-45-20Reference 34: http://www.xbrl.org/2003/role/exampleRef -Topic 946 -SubTopic 830 -Name Accounting Standards Codification -Section 55 -Paragraph 11 -Publisher FASB -URI https://asc.fasb.org/1943274/2147479168/946-830-55-11Reference 35: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 205 -Name Accounting Standards Codification -Section 45 -Paragraph 3 -Publisher FASB -URI https://asc.fasb.org/1943274/2147479009/946-205-45-3Reference 36: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 505 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Publisher FASB -URI https://asc.fasb.org/1943274/2147478448/946-505-50-3Reference 37: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.6-04(19)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479170/946-210-S99-1Reference 38: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 2 -Subparagraph (SX 210.6-05(4)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479170/946-210-S99-2Reference 39: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 946 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 3 -Subparagraph (SX 210.6-09(4)(b)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479134/946-220-S99-3Reference 40: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 3 -Subparagraph (SX 210.6-09(6)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479134/946-220-S99-3Reference 41: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 3 -Subparagraph (SX 210.6-09(7)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479134/946-220-S99-3Reference 42: http://www.xbrl.org/2003/role/disclosureRef -Topic 505 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.3-04) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480008/505-10-S99-1Reference 43: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 235 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.4-08(g)(1)(ii)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480678/235-10-S99-1Reference 44: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 323 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481687/323-10-50-3Reference 45: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 825 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 28 -Subparagraph (f) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482907/825-10-50-28Reference 46: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 810 -SubTopic 10 -Section 45 -Paragraph 15 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481231/810-10-45-15Reference 47: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 810 -SubTopic 10 -Section 45 -Paragraph 16 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481231/810-10-45-16Reference 48: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 810 -SubTopic 10 -Section 55 -Paragraph 4I -Publisher FASB -URI https://asc.fasb.org/1943274/2147481175/810-10-55-4IReference 49: http://www.xbrl.org/2003/role/disclosureRef -Topic 350 -SubTopic 60 -Name Accounting Standards Codification -Section 65 -Paragraph 1 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147476166/350-60-65-1 + Details Name: us-gaap_StockholdersEquityIncludingPortionAttributableToNoncontrollingInterest Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionThis element represents movements included in the statement of changes in stockholders' equity which are not separately disclosed or provided for elsewhere in the taxonomy. + ReferencesNo definition available. + Details Name: us-gaap_StockholdersEquityOther Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration XML 19 R7.htm IDEA: XBRL DOCUMENT v3.24.2.u1 Statement of Changes in Consolidated Equity (unaudited) (Parenthetical) - $ / shares 3 Months Ended Jun. 30, 2024 Mar. 31, 2024 Jun. 30, 2023 Mar. 31, 2023 Statement of Stockholders' Equity [Abstract] Â Â Â Â Common stock dividends per share $ 0.1 $ 0.1 $ 0.1 $ 0.1 X - DefinitionAggregate dividends paid during the period for each share of common stock outstanding. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 505 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.3-04) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480008/505-10-S99-1 + Details Name: us-gaap_CommonStockDividendsPerShareCashPaid Namespace Prefix: us-gaap_ Data Type: dtr-types:perShareItemType Balance Type: na Period Type: duration X - ReferencesNo definition available. + Details Name: us-gaap_StatementOfStockholdersEquityAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration XML 20 R8.htm IDEA: XBRL DOCUMENT v3.24.2.u1 Pay vs Performance Disclosure - USD ($) $ in Millions 3 Months Ended 6 Months Ended Jun. 30, 2024 Jun. 30, 2023 Jun. 30, 2024 Jun. 30, 2023 Pay vs Performance Disclosure Â Â Â Â Net Income (Loss) $ 20 $ (102) $ (232) $ (333) X - ReferencesReference 1: http://www.xbrl.org/2003/role/presentationRef -Publisher SEC -Name Regulation S-K -Number 229 -Section 402 -Subsection v -Paragraph 1 + Details Name: ecd_PvpTable Namespace Prefix: ecd_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionThe portion of profit or loss for the period, net of income taxes, which is attributable to the parent. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 6 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-6Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 9 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-9Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 805 -SubTopic 60 -Name Accounting Standards Codification -Section 65 -Paragraph 1 -Subparagraph (g) -Publisher FASB -URI https://asc.fasb.org/1943274/2147476176/805-60-65-1Reference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 740 -SubTopic 323 -Name Accounting Standards Codification -Section 65 -Paragraph 2 -Subparagraph (g)(3) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478666/740-323-65-2Reference 5: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 2 -Subparagraph (SX 210.5-03(20)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483621/220-10-S99-2Reference 6: http://www.xbrl.org/2003/role/disclosureRef -Topic 235 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.4-08(g)(1)(ii)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480678/235-10-S99-1Reference 7: http://www.xbrl.org/2003/role/disclosureRef -Topic 323 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481687/323-10-50-3Reference 8: http://www.xbrl.org/2003/role/disclosureRef -Topic 825 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 28 -Subparagraph (f) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482907/825-10-50-28Reference 9: http://www.xbrl.org/2003/role/disclosureRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 6 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482765/220-10-50-6Reference 10: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-3Reference 11: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (b)(2) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-1Reference 12: http://www.xbrl.org/2003/role/disclosureRef -Topic 815 -SubTopic 40 -Name Accounting Standards Codification -Section 65 -Paragraph 1 -Subparagraph (f) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480175/815-40-65-1Reference 13: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 8 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-8Reference 14: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 11 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-11Reference 15: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 11 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-11Reference 16: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 4 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-4Reference 17: http://www.xbrl.org/2003/role/exampleRef -Topic 946 -SubTopic 830 -Name Accounting Standards Codification -Section 55 -Paragraph 10 -Publisher FASB -URI https://asc.fasb.org/1943274/2147479168/946-830-55-10Reference 18: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 220 -Name Accounting Standards Codification -Section 45 -Paragraph 7 -Publisher FASB -URI https://asc.fasb.org/1943274/2147479105/946-220-45-7Reference 19: http://www.xbrl.org/2003/role/disclosureRef -Topic 944 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.7-04(18)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477250/944-220-S99-1Reference 20: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.6-07(9)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479134/946-220-S99-1Reference 21: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 3 -Subparagraph (SX 210.6-09(1)(d)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479134/946-220-S99-3Reference 22: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(i)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 23: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(ii)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 24: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(iii)(A)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 25: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(iv)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 26: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(5)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 27: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(4)(i)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 28: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(4)(iii)(A)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 29: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(4)(iii)(B)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 30: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(4)(iv)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 31: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(5)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 32: http://www.xbrl.org/2003/role/disclosureRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 60B -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482689/260-10-45-60BReference 33: http://www.xbrl.org/2003/role/disclosureRef -Topic 205 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 7 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483499/205-20-50-7Reference 34: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 230 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 28 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-28Reference 35: http://www.xbrl.org/2003/role/disclosureRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 1A -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482790/220-10-45-1AReference 36: http://www.xbrl.org/2003/role/disclosureRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 1B -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482790/220-10-45-1BReference 37: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 942 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.9-04(22)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478524/942-220-S99-1 + Details Name: us-gaap_NetIncomeLoss Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration XML 21 R9.htm IDEA: XBRL DOCUMENT v3.24.2.u1 Insider Trading Arrangements 3 Months Ended Jun. 30, 2024 Trading Arrangements, by Individual Â Rule 10b5-1 Arrangement Adopted false Non-Rule 10b5-1 Arrangement Adopted false Rule 10b5-1 Arrangement Terminated false Non-Rule 10b5-1 Arrangement Terminated false X - ReferencesReference 1: http://www.xbrl.org/2003/role/presentationRef -Publisher SEC -Name Regulation S-K -Number 229 -Section 408 -Subsection a -Paragraph 1 + Details Name: ecd_NonRule10b51ArrAdoptedFlag

Namespace Prefix: ecd_ Data Type: xbrli:booleanItemType Balance Type: na Period Type: duration X - ReferencesReference 1: http://www.xbrl.org/2003/role/presentationRef -Publisher SEC -Name Regulation S-K -Number 229 -Section 408 -Subsection a -Paragraph 1 + Details Name: ecd_NonRule10b51ArrTrmntdFlag Namespace Prefix: ecd_ Data Type: xbrli:booleanItemType Balance Type: na Period Type: duration X - ReferencesReference 1: http://www.xbrl.org/2003/role/presentationRef -Publisher SEC -Name Regulation S-K -Number 229 -Section 408 -Subsection a -Paragraph 1 + Details Name: ecd_Rule10b51ArrAdoptedFlag Namespace Prefix: ecd_ Data Type: xbrli:booleanItemType Balance Type: na Period Type: duration X - ReferencesReference 1: http://www.xbrl.org/2003/role/presentationRef -Publisher SEC -Name Regulation S-K -Number 229 -Section 408 -Subsection a -Paragraph 1 + Details Name: ecd_Rule10b51ArrTrmntdFlag Namespace Prefix: ecd_ Data Type: xbrli:booleanItemType Balance Type: na Period Type: duration X - ReferencesReference 1: http://www.xbrl.org/2003/role/presentationRef -Publisher SEC -Name Regulation S-K -Number 229 -Section 408 -Subsection a -Paragraph 2 -Subparagraph A + Details Name: ecd_TradingArrByIndTable Namespace Prefix: ecd_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration XML 22 R10.htm IDEA: XBRL DOCUMENT v3.24.2.u1 Basis of Presentation 6 Months Ended Jun. 30, 2024 Organization, Consolidation and Presentation of Financial Statements [Abstract] Â Basis of Presentation A. Basis of Presentation â€" The interim Consolidated Financial Statements of Alcoa Corporation and its subsidiaries (Alcoa Corporation, Alcoa, or the Company) are unaudited. These Consolidated Financial Statements include all adjustments, consisting only of normal recurring adjustments, considered necessary by management to fairly state the Companyâ€™s results of operations, financial position, and cash flows. The results reported in these Consolidated Financial Statements are not necessarily indicative of the results that may be expected for the entire year. The 2023 year-end balance sheet data was derived from audited financial statements but does not include all disclosures required by accounting principles generally accepted in the United States of America (GAAP). This Quarterly Report on Form 10-Q should be read in conjunction with the Companyâ€™s Annual Report on Form 10-K for the year ended December 31, 2023, which includes disclosures required by GAAP.In accordance with GAAP, certain situations require management to make estimates based on judgments and assumptions, which may affect the reported amounts of assets and liabilities and the disclosure of contingent assets and liabilities at the date of the financial statements. They also may affect the reported amounts of revenues and expenses during the reporting periods. Management uses historical experience and all available information to make these estimates. Management regularly evaluates the judgments and assumptions used in its estimates, and results could differ from those estimates upon future events and their effects or new information. Principles of Consolidation. The Consolidated Financial Statements of Alcoa Corporation include the accounts of Alcoa Corporation and companies in which Alcoa Corporation has a controlling interest, including those that comprise the Alcoa World Alumina & Chemicals (AWAC) joint venture (see below). Intercompany transactions have been eliminated. The equity method of accounting is used for investments in affiliates and other joint ventures over which Alcoa Corporation has significant influence but does not have effective control. Investments in affiliates in which Alcoa Corporation cannot exercise significant influence are accounted for at cost less any impairment, a measurement alternative in accordance with GAAP.AWAC is an unincorporated global joint venture between Alcoa Corporation and Alumina Limited and consists of several affiliated operating entities, which own, have an interest in, or operate the bauxite mines and alumina refineries within Alcoa Corporationâ€™s Alumina segment (except for the PoÃ§os de Caldas mine and refinery and portions of the SÃ£o LuÃs refinery, all in Brazil) and a portion (55%) of the Portland smelter (Australia) within Alcoa Corporationâ€™s Aluminum segment. Alcoa Corporation owns 60% and Alumina Limited owns 40% of these individual entities, which are consolidated by the Company for financial reporting purposes and include Alcoa of Australia Limited (AofA), Alcoa World Alumina LLC (AWA), Alcoa World Alumina Brasil Ltda. (AWAB), and AlÃºmina EspaÃ±ola, S.A. (EspaÃ±ola). Alumina Limitedâ€™s interest in the equity of such entities is reflected as Noncontrolling interest on the accompanying Consolidated Balance Sheet. On August 1, 2024, the Company completed the acquisition of Alumina Limited (see Note C). X - DefinitionThe entire disclosure for the basis of accounting, or basis of presentation, used to prepare the financial statements (for example, US Generally Accepted Accounting Principles, Other Comprehensive Basis of Accounting, IFRS). + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 235 -Name Accounting Standards Codification -Publisher FASB -URI https://asc.fasb.org/235/tableOfContent + Details Name: us-gaap_BasisOfAccounting Namespace Prefix: us-gaap_ Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration X - ReferencesNo definition available. + Details Name: us-gaap_OrganizationConsolidationAndPresentationOfFinancialStatementsAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration XML 23 R11.htm IDEA: XBRL DOCUMENT v3.24.2.u1 Recently Adopted and Recently Issued Accounting Guidance 6 Months Ended Jun. 30, 2024 Accounting Standards Update and Change in Accounting Principle [Abstract] Â Recently Adopted and Recently Issued Accounting Guidance B. Recently Adopted and Recently Issued Accounting GuidanceIn December 2023, the Financial Accounting Standards Board (FASB) issued Accounting Standard Update (ASU) No. 2023-09 which includes changes to income tax disclosures, including greater disaggregation of information in the rate reconciliation and disclosure of taxes paid by jurisdiction. The guidance is effective for annual periods beginning after December 15, 2024. Early adoption is permitted. The adoption of this guidance will provide enhanced disclosures regarding income taxes and will not have a material impact on the Companyâ€™s financial statements.In November 2023, the FASB issued ASU 2023-07 which requires disclosure of significant segment expenses regularly provided to the chief operating decision maker (CODM), other segment items (not included in significant segment expenses for each reportable segment), the title and position of the CODM, and an explanation of how the CODM uses the reported measure of segment profit or loss to assess segment performance and allocate resources. The adoption of this guidance will not have a material impact on the Companyâ€™s financial statements and will provide enhanced disclosures regarding reportable segments beginning in the Companyâ€™s Annual Report on Form 10-K for the year ended December 31, 2024. X - ReferencesNo definition available. + Details Name: us-gaap_NewAccountingPronouncementsAndChangesInAccountingPrinciplesAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionThe entire disclosure for change in accounting principle. Includes, but is not limited to, nature, reason, and method of adopting amendment to accounting standards or other change in accounting principle. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 65 -Paragraph 1 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147476173/280-10-65-1Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (b)(4) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-1Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 105 -SubTopic 10 -Name Accounting Standards Codification -Section 65 -Paragraph 7 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479343/105-10-65-7Reference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 805 -SubTopic 60 -Name Accounting Standards Codification -Section 65 -Paragraph 1 -Subparagraph (g) -Publisher FASB -URI https://asc.fasb.org/1943274/2147476176/805-60-65-1Reference 5: http://www.xbrl.org/2003/role/disclosureRef -Topic 848 -SubTopic 10 -Name Accounting Standards Codification -Section 65 -Paragraph 2 -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483550/848-10-65-2Reference 6: http://www.xbrl.org/2003/role/disclosureRef -Topic 740 -SubTopic 323 -Name Accounting Standards Codification -Section 65 -Paragraph 2 -Subparagraph (g)(2) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478666/740-323-65-2Reference 7: http://www.xbrl.org/2003/role/disclosureRef -Topic 740 -SubTopic 323 -Name Accounting Standards Codification -Section 65 -Paragraph 2 -Subparagraph (g)(4) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478666/740-323-65-2Reference 8: http://www.xbrl.org/2003/role/disclosureRef -Topic 740 -SubTopic 323 -Name Accounting Standards Codification -Section 65 -Paragraph 2 -Subparagraph (g)(1) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478666/740-323-65-2Reference 9: http://www.xbrl.org/2003/role/disclosureRef -Topic 848 -SubTopic 10 -Name Accounting Standards Codification -Section 65 -Paragraph 2 -Subparagraph (d)(1) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483550/848-10-65-2Reference 10: http://www.xbrl.org/2003/role/disclosureRef -Topic 848 -SubTopic 10 -Name Accounting Standards Codification -Section 65 -Paragraph 1 -Subparagraph (e)(1) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483550/848-10-65-1Reference 11: http://www.xbrl.org/2003/role/disclosureRef -Topic 944 -SubTopic 40 -Name Accounting Standards Codification -Section 65 -Paragraph 2 -Subparagraph (g)(2)(i) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480016/944-40-65-2Reference 12: http://www.xbrl.org/2003/role/disclosureRef -Topic 944 -SubTopic 40 -Name Accounting Standards Codification -Section 65 -Paragraph 2 -Subparagraph (g)(2)(ii) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480016/944-40-65-2Reference 13: http://www.xbrl.org/2003/role/disclosureRef -Topic 944 -SubTopic 40 -Name Accounting Standards Codification -Section 65 -Paragraph 2 -Subparagraph (g)(2)(iii) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480016/944-40-65-2Reference 14: http://www.xbrl.org/2003/role/disclosureRef -Topic 944 -SubTopic 40 -Name Accounting Standards Codification -Section 65 -Paragraph 2 -Subparagraph (g)(2)(iv) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480016/944-40-65-2Reference 15: http://www.xbrl.org/2003/role/disclosureRef -Topic 944 -SubTopic 40 -Name Accounting Standards Codification -Section 65 -Paragraph 2 -Subparagraph (h)(2) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480016/944-40-65-2Reference 16: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 5 -Subparagraph (SAB Topic 11.M.Q2) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480530/250-10-S99-5Reference 17: http://www.xbrl.org/2003/role/disclosureRef -Topic 815 -SubTopic 20 -Name Accounting Standards Codification -Section 65 -Paragraph 6 -Subparagraph (i)(1) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480528/815-20-65-6Reference 18: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-1Reference 19: http://www.xbrl.org/2003/role/disclosureRef -Topic 326 -SubTopic 10 -Name Accounting Standards Codification -Section 65 -Paragraph 4 -Subparagraph (e)(1) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479654/326-10-65-4Reference 20: http://www.xbrl.org/2003/role/disclosureRef -Topic 326 -SubTopic 10 -Name Accounting Standards Codification -Section 65 -Paragraph 4 -Subparagraph (e)(2) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479654/326-10-65-4Reference 21: http://www.xbrl.org/2003/role/disclosureRef -Topic 926 -SubTopic 20 -Name Accounting Standards Codification -Section 65 -Paragraph 2 -Subparagraph (f)(1) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483194/926-20-65-2Reference 22: http://www.xbrl.org/2003/role/disclosureRef -Topic 926 -SubTopic 20 -Name Accounting Standards Codification -Section 65 -Paragraph 2 -Subparagraph (f)(2) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483194/926-20-65-2Reference 23: http://www.xbrl.org/2003/role/disclosureRef -Topic 926 -SubTopic 20 -Name Accounting Standards Codification -Section 65 -Paragraph 2 -Subparagraph (f)(3) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483194/926-20-65-2Reference 24: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 6 -Publisher FASB -URI https://asc.fasb.org/1943274/2147480530/250-10-S99-6Reference 25: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (c)(1) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-1Reference 26: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (b)(1) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-1Reference 27: http://www.xbrl.org/2003/role/disclosureRef -Name Accounting Standards Codification -Topic 250 -Publisher FASB -URI https://asc.fasb.org/250/tableOfContentReference 28: http://www.xbrl.org/2003/role/disclosureRef -Topic 815 -SubTopic 40 -Name Accounting Standards Codification -Section 65 -Paragraph 1 -Subparagraph (e)(1) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480175/815-40-65-1 + Details Name: us-gaap_NewAccountingPronouncementsAndChangesInAccountingPrinciplesTextBlock Namespace Prefix: us-gaap_ Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration XML 24 R12.htm IDEA: XBRL DOCUMENT v3.24.2.u1 Acquisitions and Divestitures 6 Months Ended Jun. 30, 2024 Business Combinations [Abstract] Â Acquisition and Divestitures C. Acquisitions and DivestituresAlumina Limited AcquisitionOn August 1, 2024, Alcoa completed the acquisition of all of the ordinary shares of Alumina Limited (Alumina Shares) through a wholly owned subsidiary, AAC Investments Australia 2 Pty Ltd. Alumina Limited holds a 40% ownership interest in the AWAC joint venture. The acquisition is intended to enhance Alcoaâ€™s position as a leading pure play, upstream aluminum company globally, while simplifying the Companyâ€™s corporate structure and governance, resulting in greater operational flexibility and strategic optionality.Under the Scheme Implementation Deed (the Agreement) entered into in March 2024, as amended in May 2024, holders of Alumina Shares received 0.02854 Alcoa CHESS Depositary Interests (CDIs) for each Alumina Share (the Agreed Ratio), except that i) holders of Alumina Shares represented by American Depositary Shares, each of which represented 4 Alumina Shares, received 0.02854 shares of Alcoa common stock and ii) a certain shareholder received, for certain of the Alumina Shares, 0.02854 shares of Alcoa non-voting convertible preferred stock. The Alcoa CDIs are quoted on the Australian Stock Exchange.At closing, Alumina Shares outstanding of 2,760,056,014 and 141,625,403 were exchanged for 78,772,422 and 4,041,989 shares of Alcoa common stock and Alcoa preferred stock, respectively. Based on Alcoaâ€™s closing share price as of July 26, 2024, the Agreed Ratio implies a value of A$1.45 per Alumina Share and aggregate purchase consideration of approximately $2,800 for Alumina Limited.The transaction consisted in substance of the acquisition of Alumina Limitedâ€™s noncontrolling interest in AWAC, the assumption of Alumina Limitedâ€™s indebtedness (approximately $385 as of August 1, 2024, see Note K), and the recognition of deferred tax assets (approximately $100, see Note N) related to Alumina Limitedâ€™s prior net operating losses. The increase in ownership in AWAC from 60% to 100%, as well as the assumption of Alumina Limitedâ€™s assets and liabilities, will be accounted for as an equity transaction under ASC 810, Consolidation, with the difference in purchase consideration and the net assets acquired recognized as an increase in total Alcoa Corporation shareholdersâ€™ equity. The accounting for the transaction is not yet complete and the final value of assets and liabilities acquired is subject to change. Additionally, as of June 30, 2024, the Company recognized transaction costs of $9 in Prepaid expenses and other current assets, which will be reclassified to Additional capital as of August 1, 2024.Under the terms of the Agreement, Alcoa agreed to provide a shareholder loan to AWAC in place of required capital contributions by Alumina Limited if Alumina Limitedâ€™s net debt position exceeded $420 prior to the acquisition closing. Alcoa was not required to and did not provide any shareholder loans to AWAC under this provision.Warrick Rolling Mill DivestitureIn conjunction with the sale of its rolling mill located at Warrick Operations (Warrick Rolling Mill) in March 2021, the Company recorded estimated liabilities for site separation commitments.The Company recorded charges of $4 and $15 in the second quarter and the six-month period of 2024, respectively, in Other (income) expenses, net on the accompanying Statement of Consolidated Operations related to these commitments. During the second quarter and the six-month period of 2024, the Company spent $5 and $12 against the reserve, respectively. In the six-month period of 2023, the Company recorded a charge of $17 in Other (income) expenses, net on the accompanying Statement of Consolidated Operations related to these commitments. During the second quarter and six-month period of 2023, the Company spent $11 and $25 against the reserve, respectively.The remaining balance of $14 at June 30, 2024 is expected to be spent in 2024. X - DefinitionAcquisition and divestitures. + ReferencesNo definition available. + Details Name: aa_AcquisitionAndDivestituresDisclosureTextBlock Namespace Prefix: aa_ Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration X - ReferencesNo definition available. + Details Name: us-gaap_BusinessCombinationsAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration XML 25 R13.htm IDEA: XBRL DOCUMENT v3.24.2.u1 Restructuring and Other Charges, Net 6 Months Ended Jun. 30, 2024 Restructuring and Related Activities [Abstract] Â Restructuring and Other Charges, Net D. Restructuring and Other Charges, NetÂ In the second quarter and the six-month period of 2024, Alcoa Corporation recorded Restructuring and other charges, net, of $18 and $220, respectively, which were primarily comprised of:â€¢A charge of $8 and $205, respectively, for the curtailment of the Kwinana (Australia) refinery; and,â€¢A charge of $8 and $12, respectively, for take-or-pay contract costs at the closed Wenatchee (Washington) smelter.Â In June 2024, Alcoa completed the full curtailment of the Kwinana refinery, as planned, which was announced in January 2024. As of March 2024, the refinery had approximately 780 employees and this number will be reduced to approximately 250 in the third quarter of 2024 to manage certain processes that will continue until about the third quarter of 2025. At that time, the employee number will be further reduced to approximately 50. In addition to the employees separating as a result of the curtailment, approximately 150 employees will either terminate through the productivity program announced in the third quarter of 2023 or redeploy to other Alcoa operations. Charges related to the curtailment totaled $205 in the six-month period of 2024 and included charges of $129 for water management costs, $41 for severance and employee termination costs for the separation of approximately 580 employees, $15 for asset retirement obligations, $13 for take-or-pay contracts, $5 for asset impairments and $2 for contract terminations. Related cash outlays of approximately $225 (which includes existing employee related liabilities and asset retirement obligations) are expected through 2025, with approximately $145 to be spent in 2024. The Company spent $22 and $24 against the reserve in the second quarter and six-month period of 2024, respectively.In the second quarter and the six-month period of 2023, Alcoa Corporation recorded Restructuring and other charges, net, of $24 and $173, respectively, which were primarily comprised of:â€¢A charge of $101 (six-month period only) for asset impairments and to establish reserves for environmental, demolition and employee severance costs related to the permanent closure of the Intalco (Washington) aluminum smelter; â€¢A charge of $47 (six-month period only) for increased reserves for certain employee obligations related to the updated agreement for the San CipriÃ¡n (Spain) aluminum smelter; and,â€¢A charge of $21 (both periods) related to the settlement of certain pension benefits.In March 2023, Alcoa Corporation announced the closure of the Intalco aluminum smelter, which had been fully curtailed since 2020. The Company

recorded charges of $117 related to the closure, including a charge of $16 in Cost of goods sold on the Statement of Consolidated Operations to write-down remaining inventories to net realizable value and a charge of $101 in Restructuring and other charges, net on the Statement of Consolidated Operations. The restructuring charges were comprised of asset impairments of $50, environmental and demolition obligation reserves of $50, and severance and employee termination costs of $1 for the separation of approximately 12 employees. Cash outlays related to the permanent closure of the site are expected to be $85 over the next three years with approximately $45 to be spent in 2024. The Company spent $9 and $13 against the reserve in the second quarter and six-month period of 2024, respectively.In February 2023, the Company reached an updated viability agreement with the workersâ€™ representatives of the San CipriÃ¡n smelter to commence the restart process in phases beginning in January 2024. The smelter was curtailed in January 2022 as a result of an agreement reached with the workersâ€™ representatives in December 2021. Under the terms of the updated viability agreement, the Company is responsible for certain employee obligations during 2023 through 2025 and made additional commitments for capital improvements of $78. The Company recorded charges of $47 in Restructuring and other charges, net on the Statement of Consolidated Operations to establish the related reserve for employee obligations in the six month period of 2023. Cash outlays related to employee obligations are expected to be $47 through 2025, with approximately $36 to be spent in 2024. The Company spent $9 and $18 against the reserve in the second quarter and six-month period of 2024, respectively. At June 30, 2024, the Company had restricted cash of $86 to be made available for remaining capital improvement commitments at the site of $111 and smelter restart costs of $32 for both the agreement reached with the workerâ€™s representatives in December 2021 and the updated viability agreement in February 2023. Restricted cash is included in Prepaid expenses and other current assets and Other noncurrent assets on the Consolidated Balance Sheet (see Note P).Alcoa Corporation does not include Restructuring and other charges, net in the results of its reportable segments. The impact of allocating such charges to segment results would have been as follows: Â Â Â Second quarter ended June 30, Â Â Six months ended June 30, Â Â 2024 Â 2023 Â 2024 Â 2023 Â Alumina Â $ 8 Â $ 1 Â $ 205 Â $ 2 Â Aluminum Â Â â€" Â Â 19 Â Â â€" Â Â 165 Â Segment total Â Â 8 Â Â 20 Â Â 205 Â Â 167 Â Corporate Â Â 10 Â Â 4 Â Â 15 Â Â 6 Â Total Restructuring and other charges, net Â $ 18 Â $ 24 Â $ 220 Â $ 173 Â Activity and reserve balances for restructuring charges were as follows: Â Â Â Severanceandemployeeterminationcosts Â Â Othercosts Â Total Â Balance at December 31, 2022 Â $ 1 Â $ 116 Â $ 117 Â Restructuring and other charges, net Â Â 11 Â Â 55 Â Â 66 Â Cash payments Â Â (6) Â Â (118) Â Â (124) Â Reversals and other Â Â â€" Â Â 4 Â Â 4 Â Â 4 Â Balance at December 31, 2023 Â Â 6 Â Â 57 Â Â 63 Â Restructuring and other charges, net Â Â 43 Â Â 156 Â Â 199 Â Cash payments Â Â (1) Â Â (55) Â Â (56) Â Reversals and other Â Â 1 Â Â 3 Â Â 4 Â Balance at June 30, 2024 Â $ 49 Â $ 161 Â $ 210 Â The activity and reserve balances include only Restructuring and other charges, net that impacted the reserves for Severance and employee termination costs and Other costs. Restructuring and other charges, net that affected other liability accounts such as Accrued pension benefits (see Note L), Asset retirement obligations, and Environmental remediation (see Note O) are excluded from the above activity and balances. Reversals and other includes reversals of previously recorded liabilities and foreign currency translation impacts.The noncurrent portion of the reserve was $22 and $15 at June 30, 2024 and December 31, 2023, respectively. X - ReferencesNo definition available. + Details Name: us-gaap_RestructuringAndRelatedActivitiesAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionThe entire disclosure for restructuring and related activities. Description of restructuring activities such as exit and disposal activities, include facts and circumstances leading to the plan, the expected plan completion date, the major types of costs associated with the plan activities, total expected costs, the accrual balance at the end of the period, and the periods over which the remaining accrual will be settled. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 420 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 2 -Subparagraph (SAB Topic 5.P.4.e) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479823/420-10-S99-2Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 420 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (b)(2) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482017/420-10-50-1Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 420 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482017/420-10-50-1Reference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 420 -Name Accounting Standards Codification -Publisher FASB -URI https://asc.fasb.org/420/tableOfContentReference 5: http://www.xbrl.org/2003/role/disclosureRef -Topic 420 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (e) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482017/420-10-50-1 + Details Name: us-gaap_RestructuringAndRelatedActivitiesDisclosureTextBlock Namespace Prefix: us-gaap_ Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration XML 26 R14.htm IDEA: XBRL DOCUMENT v3.24.2.u1 Segment Information 6 Months Ended Jun. 30, 2024 Segment Reporting [Abstract] Â Segment Information E. Segment Information â€" Alcoa Corporation is a producer of bauxite, alumina, and aluminum products. The Company has two operating and reportable segments: (i) Alumina and (ii) Aluminum. Segment performance under Alcoa Corporationâ€™s management reporting system is evaluated based on a number of factors; however, the primary measure of performance is the Adjusted EBITDA (Earnings before interest, taxes, depreciation, and amortization) for each segment. The Company calculates Segment Adjusted EBITDA as Total sales (third-party and intersegment) minus the following items: Cost of goods sold; Selling, general administrative, and other expenses; and Research and development expenses. Alcoa Corporationâ€™s Segment Adjusted EBITDA may not be comparable to similarly titled measures of other companies. The CODM function regularly reviews the financial information, including Adjusted EBITDA, of these two operating segments to assess performance and allocate resources.The operating results of Alcoa Corporationâ€™s reportable segments were as follows (differences between segment totals and consolidated amounts are in Corporate):Â Â Â Alumina Â Aluminum Â Â Total Â Second quarter ended June 30, 2024 Â Â Â Â Â Â Â Sales: Â Â Â Â Â Â Â Â Third-party sales Â $ 1,010 Â $ 1,895 Â $ 2,905 Â Intersegment sales Â Â 457 Â Â 3 Â Â 460 Â Total sales Â Â 1,467 Â Â 1,898 Â Â 3,365 Â Segment Adjusted EBITDA Â Â 186 Â Â 233 Â Â 419 Â Supplemental information: Â Â Â Â Â Â Â Â Depreciation, depletion, and amortization Â Â $ 90 Â Â $ 68 Â Â 158 Â Equity income Â Â $ 2 Â Â $ 21 Â Â 23 Â Second quarter ended June 30, 2023 Â Â Â Â Â Â Â Sales: Â Â Â Â Â Â Â Â Third-party sales Â Â $ 894 Â Â $ 1,788 Â Â 2,682 Â Intersegment sales Â Â 397 Â Â 4 Â Â 401 Â Total sales Â Â 1,291 Â Â 1,792 Â Â 3,083 Â Segment Adjusted EBITDA Â Â 33 Â Â 110 Â Â 143 Â Supplemental information: Â Â Â Â Â Â Â Â Depreciation, depletion, and amortization Â Â $ 80 Â Â $ 68 Â Â 148 Â Equity loss Â Â $ (11) Â Â $ (16) Â Â $ (27) Â Â Â Alumina Â Aluminum Â Â Total Â Six months ended June 30, 2024 Â Â Â Â Â Â Â Sales: Â Â Â Â Â Â Â Â Third-party sales Â Â $ 1,971 Â Â $ 3,533 Â Â 5,504 Â Intersegment sales Â Â 852 Â Â 7 Â Â 859 Â Total sales Â Â 2,823 Â Â 3,540 Â Â 6,363 Â Segment Adjusted EBITDA Â Â 325 Â Â 283 Â Â 608 Â Supplemental information: Â Â Â Â Â Â Â Â Depreciation, depletion, and amortization Â Â $ 177 Â Â $ 136 Â Â 313 Â Equity (loss) income Â Â $ (9) Â Â $ 23 Â Â 14 Â Six months ended June 30, 2023 Â Â Â Â Â Â Â Sales: Â Â Â Â Â Â Â Â Third-party sales Â Â $ 1,751 Â Â $ 3,598 Â Â 5,349 Â Intersegment sales Â Â 818 Â Â 7 Â Â 825 Â Total sales Â Â 2,569 Â Â 3,605 Â Â 6,174 Â Segment Adjusted EBITDA Â Â 136 Â Â 294 Â Â 430 Â Supplemental information: Â Â Â Â Â Â Â Â Depreciation, depletion, and amortization Â Â $ 157 Â Â $ 138 Â Â $ 295 Â Equity loss Â Â $ (28) Â Â $ (73) Â Â $ (101) The following table reconciles Total Segment Adjusted EBITDA to Consolidated net income (loss) attributable to Alcoa Corporation: Â Â Second quarter ended June 30, Â Â Six months ended June 30, Â Â 2024 Â 2023 Â 2024 Â 2023 Â Total Segment Adjusted EBITDA Â $ 419 Â $ 143 Â $ 608 Â $ 430 Â Unallocated amounts: Â Â Â Â Â Â Â Â Â Transformation(1) Â Â (16) Â Â (17) Â Â (30) Â Â (25) Intersegment eliminations Â Â (29) Â Â 31 Â Â (37) Â Â 23 Â Corporate expenses(2) Â Â (41) Â Â (24) Â Â (75) Â Â (54) Provision for depreciation, depletion, and amortization Â Â (163) Â Â (153) Â Â (324) Â Â (306) Restructuring and other charges, net (D) Â Â (18) Â Â (24) Â Â (220) Â Â (173) Interest expense Â Â (40) Â Â (27) Â Â (67) Â Â (53) Other income (expenses), net (P) Â Â 22 Â Â (6) Â Â (37) Â Â (60) Other(3) Â Â (42) Â Â (22) Â Â (51) Â Â (61) Consolidated income (loss) before income taxes Â Â 92 Â Â (99) Â Â (233) Â Â (279) Provision for income taxes Â Â (61) Â Â (22) Â Â (43) Â Â (74) Net (income) loss attributable to noncontrolling interest Â Â (11) Â Â 19 Â Â 44 Â Â 20 Â Consolidated net income (loss) attributable to Alcoa Corporation Â $ 20 Â $ (102) Â $ (232) Â $ (333) Â (1)Transformation includes, among other items, the Adjusted EBITDA of previously closed operations.(2)Corporate expenses are composed of general administrative and other expenses of operating the corporate headquarters and other global administrative facilities, as well as research and development expenses of the corporate technical center. (3)Other includes certain items that are not included in the Adjusted EBITDA of the reportable segments.The following table details Alcoa Corporationâ€™s Sales by product division:Â Â Second quarter ended June 30, Â Â Six months ended June 30, Â Â 2024 Â 2023 Â 2024 Â 2023 Â Aluminum Â $ 1,934 Â $ 1,824 Â $ 3,595 Â $ 3,670 Â Alumina Â Â 904 Â Â 774 Â Â 1,794 Â Â 1,488 Â Energy Â Â 29 Â Â 26 Â Â 62 Â Â 54 Â Bauxite Â Â 96 Â Â 109 Â Â 157 Â Â 236 Â Other(1) Â Â (57) Â Â (49) Â Â (103) Â Â (94) Â $ 2,906 Â $ 2,684 Â $ 5,505 Â $ 5,354 Â (1)Other includes realized gains and losses related to embedded derivative instruments designated as cash flow hedges of forward sales of aluminum. X - ReferencesNo definition available. + Details Name: us-gaap_SegmentReportingAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionThe entire disclosure for reporting segments including data and tables. Reportable segments include those that meet any of the following quantitative thresholds a) it's reported revenue, including sales to external customers and intersegment sales or transfers is 10 percent or more of the combined revenue, internal and external, of all operating segments b) the absolute amount of its reported profit or loss is 10 percent or more of the greater, in absolute amount of 1) the combined reported profit of all operating segments that did not report a loss or 2) the combined reported loss of all operating segments that did report a loss c) its assets are 10 percent or more of the combined assets of all operating segments. + ReferencesReference 1: http://www.xbrl.org/2003/role/exampleRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 48 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482785/280-10-55-48Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 32 -Subparagraph (f) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-32Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 270 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (i) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482964/270-10-50-1Reference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 32 -Subparagraph (ee) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-32Reference 5: http://fasb.org/us-gaap/role/ref/otherTransitionRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 32 -Subparagraph (d) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-32Reference 6: http://www.xbrl.org/2003/role/exampleRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 54 -Subparagraph (d) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482785/280-10-55-54Reference 7: http://www.xbrl.org/2003/role/exampleRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 47 -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482785/280-10-55-47Reference 8: http://www.xbrl.org/2003/role/exampleRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 54 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482785/280-10-55-54Reference 9: http://www.xbrl.org/2003/role/exampleRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 47 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482785/280-10-55-47Reference 10: http://www.xbrl.org/2003/role/exampleRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 54 -Subparagraph (e) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482785/280-10-55-54Reference 11: http://www.xbrl.org/2003/role/exampleRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 47 -Subparagraph (d) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482785/280-10-55-47Reference 12: http://www.xbrl.org/2003/role/disclosureRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 22 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-22Reference 13: http://www.xbrl.org/2003/role/disclosureRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 31 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-31Reference 14: http://www.xbrl.org/2003/role/disclosureRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 34 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-34Reference 15: http://www.xbrl.org/2003/role/disclosureRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 26C -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-26CReference 16: http://www.xbrl.org/2003/role/disclosureRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 26B -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-26BReference 17: http://www.xbrl.org/2003/role/disclosureRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 15 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-15Reference 18: http://www.xbrl.org/2003/role/disclosureRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 42 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-42Reference 19: http://www.xbrl.org/2003/role/disclosureRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 40 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-40Reference 20: http://www.xbrl.org/2003/role/disclosureRef -Topic 280 -Name Accounting Standards Codification -Publisher FASB -URI https://asc.fasb.org/280/tableOfContentReference 21: http://www.xbrl.org/2003/role/disclosureRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 26 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-26Reference 22: http://www.xbrl.org/2003/role/disclosureRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 41 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-41Reference 23: http://www.xbrl.org/2003/role/disclosureRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 21 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-21Reference 24: http://www.xbrl.org/2003/role/disclosureRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 21 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-21Reference 25: http://www.xbrl.org/2003/role/disclosureRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 32 -Subparagraph (e) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-32 + Details Name: us-gaap_SegmentReportingDisclosureTextBlock Namespace Prefix: us-gaap_ Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration XML 27 R15.htm IDEA: XBRL DOCUMENT v3.24.2.u1 Earnings Per Share 6 Months Ended Jun. 30, 2024 Earnings Per Share [Abstract] Â Earnings Per Share F. Earnings Per Share â€" Basic earnings per share (EPS) amounts are computed by dividing earnings by the average number of common shares outstanding. Diluted EPS amounts assume the issuance of common stock for all potentially dilutive share equivalents outstanding. The share information used to compute basic and diluted EPS attributable to Alcoa Corporation common shareholders was as follows (shares in millions): Â Â Â Second quarter ended June 30, Â Â Six months ended June 30, Â Â 2024 Â Â 2023 Â 2024 Â Â 2023 Â Net income (loss) attributable to Alcoa Corporation Â $ 20 Â $ (102) Â $ (232) Â $ (333) Average shares outstanding â€" basic Â Â 180 Â Â 178 Â Â 179 Â Â 178 Â Effect of dilutive securities: Â Â Â Â Â Â Â Â Â Stock options Â Â â€" Â Â â€" Â Â â€" Â Â â€" Stock units Â Â 1 Â Â â€" Â Â 1 Â Â â€" Â Â â€" Â Average shares outstanding â€" diluted Â Â 181 Â Â 178 Â Â 180 Â Â 178 Â In the six-month period of 2024, basic average shares outstanding and diluted average shares outstanding were the same because the effect of potential shares of common stock was anti-dilutive. Had Alcoa generated net income in the six-month period of 2024, two million common share equivalents related to three million outstanding stock units and stock options combined would have been included in diluted average shares outstanding for the period.In the second quarter and six-month period of 2023, basic average shares outstanding and diluted average shares outstanding were the same because the effect of potential shares of common stock was anti-dilutive. Had Alcoa generated net income in the second quarter or six-month period of 2023, two million and three million common share equivalents, respectively, related to three million outstanding stock units and stock options combined would have been included in diluted average shares outstanding for the periods. X - ReferencesNo definition available. + Details Name: us-gaap_EarningsPerShareAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionThe entire disclosure for earnings per share. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482662/260-10-50-1Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 260 -Name Accounting Standards Codification -Publisher FASB -URI https://asc.fasb.org/260/tableOfContentReference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482662/260-10-50-2Reference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 260 -SubTopic 10 -Name

Accounting Standards Codification -Section 50 -Paragraph 3 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482662/260-10-50-3 + Details Name: us-gaap_EarningsPerShareTextBlock Namespace Prefix: us-gaap_ Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration XML 28 R16.htm IDEA: XBRL DOCUMENT v3.24.2.u1 Accumulated Other Comprehensive Loss 6 Months Ended Jun. 30, 2024 Accumulated Other Comprehensive Income (Loss), Net of Tax [Abstract] Â Accumulated Other Comprehensive Loss G. Accumulated Other Comprehensive LossThe following table details the activity of the three components that comprise Accumulated other comprehensive loss for both Alcoa Corporationâ€™s shareholders and Noncontrolling interest:Â Â Alcoa Corporation Â Noncontrolling interest Â Â Â Second quarter ended June 30, Â Second quarter ended June 30, Â Â 2024 Â 2023 Â 2024 Â 2023 Â Pension and other postretirement benefits (L) Â Â Â Â Â Â Â Â Â Balance at beginning of period Â $ 9 Â $ 66 Â $ (14) Â $ (5) Other comprehensive income (loss): Â Â Â Â Â Â Â Â Â Unrecognized net actuarial gain/loss andÂ Â prior service cost/benefit Â 10 Â Â (18) Â 7 Â Â (2) Tax (expense) benefit(2) Â (2) Â 8 Â Â (2) Â â€” Â Total Other comprehensive income (loss)Â before reclassifications, net of tax Â 8 Â (10) Â 5 Â (2) Amortization of net actuarial gain/loss andÂ Â prior service cost/benefit(1) Â 5 Â 26 Â â€” Â â€” Â Tax expense(2) Â â€” Â (6) Â â€” Â â€” Â Total amount reclassified from AccumulatedÂ Â other comprehensive loss, net of tax(7) Â 5 Â 20 Â â€” Â â€” Â Total Other comprehensive income (loss) Â 13 Â 10 Â 5 Â (2) Balance at end of period Â $ 22 Â $ 76 Â $ (9) Â $ (7) Â Â Â Â Â Â Â Â Â Foreign currency translation Â Â Â Â Â Â Â Â Â Balance at beginning of period Â $ (2,715) Â $ (2,683) Â $ (1,037) Â $ (1,025) Other comprehensive (loss) income Â (60) Â 25 Â (16) Â 11 Â Balance at end of period Â $ (2,775) Â $ (2,658) Â $ (1,053) Â $ (1,014) Â Â Â Â Â Â Â Â Â Cash flow hedges (M) Â Â Â Â Â Â Â Â Â Balance at beginning of period Â $ (922) Â $ (1,038) Â $ â€” Â $ 1 Â Other comprehensive (loss) income: Â Â Â Â Â Â Â Â Â Net change from periodic revaluations Â (153) Â 241 Â â€” Â â€” Â Tax benefit (expense)(2) Â 31 Â (38) Â â€” Â â€” Â Total Other comprehensive (loss) incomeÂ before reclassifications, net of tax Â (122) Â 203 Â â€” Â â€” Â Net amount reclassified to earnings: Â Â Â Â Â Â Â Â Â Aluminum contracts(3) Â 75 Â 33 Â â€” Â â€” Â Financial contracts(4) Â â€” Â â€” Â â€” Â â€” Â Interest rate contracts(5) Â (1) Â (3) Â (1) Â â€” Â Foreign exchange contracts(6) Â â€” Â (3) Â â€” Â â€” Â Sub-total Â 74 Â 27 Â (1) Â â€” Â Tax expense(2) Â (14) Â (4) Â â€” Â â€” Â Total amount reclassified from Accumulated Â Â other comprehensive loss, net of tax(7) Â 60 Â 23 Â (1) Â â€” Â Total Other comprehensive (loss) income Â (62) Â 226 Â (1) Â â€” Â Balance at end of period Â $ (984) Â $ (812) Â $ 1 Â $ 1 Â Â Total Accumulated other comprehensive loss Â $ (3,737) Â $ (3,394) Â $ (1,063) Â $ (1,020) Â Â Â Alcoa Corporation Â Noncontrolling interest Â Â Six months ended June 30, Â Six months ended June 30, Â Â 2024 Â 2023 Â 2024 Â 2023 Â Pension and other postretirement benefits (L) Â Â Â Â Â Â Â Â Â Balance at beginning of period Â $ â€” Â $ 62 Â $ (15) Â $ (5) Other comprehensive income (loss): Â Â Â Â Â Â Â Â Â Unrecognized net actuarial gain/loss andÂ Â prior service cost/benefit Â 14 Â Â (18) Â 7 Â Â (2) Tax (expense) benefit(2) Â (3) Â 8 Â Â (2) Â â€” Â Total Other comprehensive income (loss)Â before reclassifications, net of tax Â 11 Â Â (10) Â 5 Â Â (2) Amortization of net actuarial gain/loss andÂ Â prior service cost/benefit(1) Â 11 Â 30 Â 1 Â â€” Â Tax expense(2) Â â€” Â (6) Â â€” Â â€” Â Total amount reclassified from AccumulatedÂ Â other comprehensive loss, net of tax(7) Â 11 Â 24 Â 1 Â â€” Â Total Other comprehensive income (loss) Â 22 Â 14 Â 6 Â (2) Balance at end of period Â $ 22 Â $ 76 Â $ (9) Â $ (7) Â Â Â Â Â Â Â Â Â Foreign currency translation Â Â Â Â Â Â Â Â Â Balance at beginning of period Â $ (2,593) Â $ (2,685) Â $ (983) Â $ (1,040) Other comprehensive (loss) income Â (182) Â 27 Â (70) Â 26 Â Balance at end of period Â $ (2,775) Â $ (2,658) Â $ (1,053) Â $ (1,014) Â Â Â Â Â Â Â Â Â Cash flow hedges (M) Â Â Â Â Â Â Â Â Â Balance at beginning of period Â $ (1,052) Â $ (916) Â $ â€” Â $ 1 Â Other comprehensive (loss) income: Â Â Â Â Â Â Â Â Â Net change from periodic revaluations Â (36) Â 54 Â â€” Â â€” Â Total Other comprehensive (loss) incomeÂ before reclassifications, net of tax Â (36) Â 54 Â â€” Â â€” Â Net amount reclassified to earnings: Â Â Â Â Â Â Â Â Â Aluminum contracts(3) Â 132 Â 94 Â â€” Â â€” Â Financial contracts(4) Â â€” Â (20) Â â€” Â â€” Â Interest rate contracts(5) Â (1) Â (2) Â (1) Â â€” Â Foreign exchange contracts(6) Â (4) Â (8) Â â€” Â â€” Â Sub-total Â 127 Â 64 Â (1) Â â€” Â Tax expense(2) Â (23) Â (14) Â â€” Â â€” Â Total amount reclassified from Accumulated Â Â other comprehensive loss, net of tax(7) Â 104 Â 50 Â (1) Â â€” Â Total Other comprehensive income (loss) Â 68 Â 104 Â (1) Â â€” Â Balance at end of period Â $ (984) Â $ (812) Â $ 1 Â $ 1 Â Â Total Accumulated other comprehensive loss Â $ (3,737) Â $ (3,394) Â $ (1,063) Â $ (1,020) Â (1)These amounts were included in the computation of net periodic benefit cost for pension and other postretirement benefits (see Note L). (2)These amounts were reported in Provision for income taxes on the accompanying Statement of Consolidated Operations. (3)These amounts were reported in Sales on the accompanying Statement of Consolidated Operations. (4)These amounts were reported in Cost of goods sold on the accompanying Statement of Consolidated Operations. (5)These amounts were reported in Other (income) expenses, net on the accompanying Statement of Consolidated Operations. (6)For the second quarter and six-month period of 2024, these amounts were reported in Sales (both periods) on the accompanying Statement of Consolidated Operations. For the second quarter and six-month period of 2023, $4 was reported in Cost of goods sold (both periods) and $(7) and $(12) were reported in Sales, respectively, on the accompanying Statement of Consolidated Operations.(7)A positive amount indicates a corresponding charge to earnings and a negative amount indicates a corresponding benefit to earnings. X - ReferencesNo definition available. + Details Name: us-gaap_AccumulatedOtherComprehensiveIncomeLossNetOfTaxAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionThe entire disclosure for comprehensive income, which includes, but is not limited to, 1) the amount of income tax expense or benefit allocated to each component of other comprehensive income, including reclassification adjustments, 2) the reclassification adjustments for each classification of other comprehensive income and 3) the ending accumulated balances for each component of comprehensive income. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 944 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.7-04(19)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477250/944-220-S99-1Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 2 -Subparagraph (SX 210.5-03(21)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483621/220-10-S99-2Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 942 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.9-04(23)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478524/942-220-S99-1Reference 4: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 220 -Name Accounting Standards Codification -Publisher FASB -URI https://asc.fasb.org/220/tableOfContent + Details Name: us-gaap_ComprehensiveIncomeNoteTextBlock Namespace Prefix: us-gaap_ Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration XML 29 R17.htm IDEA: XBRL DOCUMENT v3.24.2.u1 Investments 6 Months Ended Jun. 30, 2024 Equity Method Investments and Joint Ventures [Abstract] Â Investments H. Investments â€“ A summary of unaudited financial information for Alcoa Corporationâ€™s equity investments is as follows (amounts represent 100% of investee financial information):Â Second quarter ended June 30, 2024 Â Saudi ArabiaJoint Venture Â Mining Â Energy Â Other Â Sales Â $ 804 Â $ 158 Â $ 59 Â $ 114 Â Cost of goods sold Â 613 Â 104 Â 25 Â 104 Â Net income (loss) Â 102 Â 14 Â 29 Â (20) Equity in net income (loss) of affiliated companies, Â Â before reconciling adjustments Â 26 Â 6 Â 11 Â (9) Other Â (4) Â â€” Â â€” Â 12 Â Alcoa Corporationâ€™s equity in net income of Â Â affiliated companies Â 22 Â 6 Â 11 Â 3 Â Â Â Â Â Â Â Â Â Second quarter ended June 30, 2023 Â Â Â Â Â Â Â Â Â Sales Â $ 700 Â $ 172 Â $ 59 Â $ 116 Â Cost of goods sold Â 620 Â 101 Â 32 Â 106 Â Net (loss) income Â (99) Â 14 Â 22 Â (33) Equity in net (loss) income of affiliated companies,Â Â before reconciling adjustments Â (25) Â 6 Â 9 Â (15) Other Â (3) Â 1 Â 1 Â 7 Â Alcoa Corporationâ€™s equity in net (loss) income of Â Â affiliated companies Â (28) Â 7 Â 10 Â (8) Â Â Â Â Â Â Â Â Â Six months ended June 30, 2024 Â Â Â Â Â Â Â Â Â Sales Â $ 1,515 Â $ 273 Â $ 122 Â $ 229 Â Cost of goods sold Â 1,212 Â 207 Â 50 Â 209 Â Net income (loss) Â 94 Â 9 Â 60 Â (36) Equity in net income (loss) of affiliated companies, Â Â before reconciling adjustments Â 24 Â 4 Â 23 Â (17) Other Â (12) Â â€” Â (1) Â 7 Â Alcoa Corporationâ€™s equity in net income (loss) of Â Â affiliated companies Â 12 Â 4 Â 22 Â (10) Â Â Â Â Â Â Â Â Â Six months ended June 30, 2023 Â Â Â Â Â Â Â Â Â Sales Â $ 1,300 Â $ 359 Â $ 117 Â $ 237 Â Cost of goods sold Â 1,302 Â 204 Â 59 Â 219 Â Net (loss) income Â (351) Â 38 Â 46 Â (49) Equity in net (loss) income of affiliated companies, Â Â before reconciling adjustments Â (88) Â 17 Â 18 Â (23) Other Â (15) Â 1 Â 1 Â â€” Â Alcoa Corporationâ€™s equity in net (loss) income of Â Â affiliated companies Â (103) Â 18 Â 19 Â (23) Â The Companyâ€™s basis in the ELYSISTM Limited Partnership (ELYSIS) as of June 30, 2024 and 2023, included in Other in the table above, has been reduced to zero for its share of losses incurred to date. As a result, the Company has $66 in unrecognized losses as of June 30, 2024 that will be recognized upon additional contributions into the partnership.The results for the Saudi Arabia joint venture for the six-month period of 2023 include an adjustment to the estimate for the settlement of a dispute with an industrial utility for periods in 2021 and 2022. Alcoaâ€™s share of this adjustment is $41 which is included in Other (income) expenses, net on the Statement of Consolidated Operations for the six-month period of 2023. Alcoaâ€™s total share of this dispute of $62 includes $21 that was recorded in the fourth quarter of 2022. X - ReferencesNo definition available. + Details Name: us-gaap_EquityMethodInvestmentsAndJointVenturesAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionThe entire disclosure for equity method investments and joint ventures. Equity method investments are investments that give the investor the ability to exercise significant influence over the operating and financial policies of an investee. Joint ventures are entities owned and operated by a small group of businesses as a separate and specific business or project for the mutual benefit of the members of the group. + ReferencesReference 1: http://www.xbrl.org/2003/role/recommendedDisclosureRef -Topic 740 -SubTopic 323 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (f) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478156/740-323-50-2Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 323 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Subparagraph (a)(3) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481687/323-10-50-3Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 323 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Subparagraph (d) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481687/323-10-50-3Reference 4: http://www.xbrl.org/2003/role/disclosureRef -Name Accounting Standards Codification -Topic 323 -Publisher FASB -URI https://asc.fasb.org/323/tableOfContent + Details Name: us-gaap_EquityMethodInvestmentsDisclosureTextBlock Namespace Prefix: us-gaap_ Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration XML 30 R18.htm IDEA: XBRL DOCUMENT v3.24.2.u1 Receivables 6 Months Ended Jun. 30, 2024 Receivables [Abstract] Â Receivables I. ReceivablesIn 2023, a wholly-owned special purpose entity (SPE) of the Company entered into and subsequently amended an agreement with a financial institution to sell up to $130 of certain customer receivables without recourse on a revolving basis. The termination date of the agreement is November 14, 2024. Company subsidiaries sell customer receivables to the SPE, which then transfers the receivables to the financial institution. The Company does not maintain effective control over the transferred receivables, and therefore accounts for the transfers as sales of receivables.Alcoa Corporation guarantees the performance obligations of the Company subsidiaries, and unsold customer receivables are pledged as collateral to the financial institution to secure the sold receivables. The SPE held unsold customer receivables of $239 and $104 pledged as collateral against the sold receivables as of June 30, 2024 and December 31, 2023, respectively.The Company continues to service the customer receivables that were transferred to the financial institution. As Alcoa collects customer payments, the SPE transfers additional receivables to the financial institution rather than remitting cash.In the second quarter of 2024, the Company sold gross customer receivables of $293 and reinvested collections of $293 from previously sold receivables, resulting in no net cash remittance to the financial institution. In the six-month period of 2024, the Company sold gross customer receivables of $600 and reinvested collections of $584 from previously sold receivables, resulting in net cash proceeds from the financial institution of $16.In the second quarter of 2023, the Company sold gross customer receivables of $98 and reinvested collections of $104 from previously sold receivables, resulting in a net cash remittance to the financial institution of $6. In the six-month period of 2023, the Company sold gross customer receivables of $174 and reinvested collections of $127 from previously sold receivables, resulting in net cash proceeds from the financial institution of $47.Cash collections from previously sold receivables yet to be reinvested of $89 and $99 were included in Accounts payable, trade on the accompanying Consolidated Balance Sheet as of June 30, 2024 and December 31, 2023, respectively. Cash received from sold receivables under the agreement are presented within operating activities in the Statement of Consolidated Cash Flows. X - DefinitionThe entire disclosure for financing receivable. + ReferencesReference 1: http://www.xbrl.org/2003/role/exampleRef -Topic 310 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 12A -Publisher FASB -URI https://asc.fasb.org/1943274/2147481933/310-10-55-12AReference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 310 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 42 -Subparagraph (a)(2) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481962/310-10-50-42Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 310 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 44 -Subparagraph (a)(1) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481962/310-10-50-44Reference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 310 -SubTopic 10 -Name Accounting Standards Codification -Publisher FASB -URI https://asc.fasb.org/310-10/tableOfContentReference 5: http://www.xbrl.org/2003/role/disclosureRef -Topic 310 -SubTopic 20 -Name Accounting Standards Codification -Publisher FASB -URI https://asc.fasb.org/310-20/tableOfContent + Details Name: us-gaap_FinancingReceivableTextBlock Namespace Prefix: us-gaap_ Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration X - ReferencesNo definition available. + Details Name: us-gaap_ReceivablesAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration XML 31 R19.htm IDEA: XBRL DOCUMENT v3.24.2.u1 Inventory Disclosure [Abstract] Â Inventories J. Inventories Â Â June 30, 2024 Â December 31, 2023 Â Finished goods Â $ 320 Â $ 355 Â Work-in-process Â 268 Â 287 Â Bauxite and alumina Â 530 Â 528 Â Purchased raw materials Â 612 Â 700 Â Operating supplies Â 245 Â 230 Â Â $ 1,975 Â $ 2,158 Â X - ReferencesNo definition available. + Details Name: us-gaap_InventoryDisclosureAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionThe entire disclosure for inventory. Includes, but is not limited to, the basis of stating inventory, the method of determining inventory cost, the classes of inventory, and the nature of the cost elements included in inventory. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 330 -Name Accounting Standards Codification -Publisher FASB -URI https://asc.fasb.org/330/tableOfContent + Details Name: us-gaap_InventoryDisclosureTextBlock Namespace Prefix: us-gaap_ Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration XML 32 R20.htm IDEA: XBRL DOCUMENT v3.24.2.u1 Debt 6 Months Ended Jun. 30, 2024 Debt Disclosure [Abstract] Â Debt K. DebtShort-term BorrowingsInventory Repurchase AgreementsThe Company has entered into inventory repurchase agreements whereby the Company sold aluminum to a third party and agreed to subsequently repurchase substantially similar inventory. The Company did not record sales upon each shipment of inventory and the net cash received of $31 and $56 related to these agreements was recorded in Short-term borrowings within Other current liabilities on the Consolidated Balance Sheet as of June 30, 2024 and December 31, 2023, respectively. The associated inventory sold was reflected in Prepaid expenses and other current assets on the Consolidated Balance Sheet as of June 30, 2024 and December 31, 2023, respectively.During the second quarter and six-month period of 2024, the Company recorded borrowings of $24 and $45, respectively, and repurchased $45 and $70, respectively, of inventory related to these agreements. During the second quarter and six-month period of 2023, the Company recorded borrowings of $25 (six-month period only) and repurchased $15 (both periods) of inventory related to these agreements.The cash received and subsequently paid under the inventory repurchase agreements is included in Cash provided from financing activities on the Statement of Consolidated Cash Flows.144A Debt2031 NotesIn March 2024, Alcoa Nederland Holding B.V. (ANHBV), a wholly-owned subsidiary of Alcoa Corporation, completed a Rule 144A (U.S. Securities Act of 1933, as amended) debt issuance for $750 aggregate principal amount of 7.125% Senior Notes due 2031 (the 2031 Notes), which carry a green bond designation. The net proceeds of this issuance were $737, reflecting a discount to the initial purchasers of the 2031 Notes as well as issuance costs. The Company is utilizing the net proceeds to finance and/or refinance, in whole or in part, new and/or existing qualifying projects on a two-year look back and three-year look forward that meet certain eligibility criteria within its Green Finance Framework. The net proceeds also support the Companyâ€™s cash position and ongoing cash needs, including with respect to its previously announced portfolio actions.The discount to the initial purchasers, as well as costs to complete the financing, were deferred and are being amortized to interest expense over the term of the 2031 Notes. Interest on the 2031 Notes is paid semi-annually in March and

September, and interest payments will commence September 15, 2024. The indenture contains customary affirmative and negative covenants that are similar to those included in the indenture that governs ANHBV's 4.125% Senior Notes due 2029 issued in March 2021, such as limitations on liens, limitations on sale and leaseback transactions, a prohibition on a reduction in the ownership of AWAC entities below an agreed level, and the calculation of certain financial ratios.ANHBV has the option to redeem the 2031 Notes on at least 10 days, but not more than 60 days, notice to the holders of the 2031 Notes under multiple scenarios, including, in whole or in part, at any time or from time to time on and after March 15, 2027, at the applicable redemption price specified in the indenture (up to 103.563% of the principal amount plus any accrued and unpaid interest in each case). Also, the 2031 Notes are subject to repurchase upon the occurrence of a change in control repurchase event (as defined in the indenture) at a repurchase price in cash equal to 101% of the aggregate principal amount of the 2031 Notes repurchased, plus any accrued and unpaid interest on the 2031 Notes repurchased.The 2031 Notes are guaranteed on a senior unsecured basis by the Company and its subsidiaries that are party to the indenture. The 2031 Notes rank equally in right of payment with all of ANHBV's existing and future senior unsecured indebtedness, including the ANHBV's senior notes with maturities in 2027, 2028 and 2029; rank senior in right of payment to any future subordinated obligations of ANHBV; and are effectively subordinated to ANHBV's existing and future secured indebtedness, including under the Revolving Credit Agreement, to the extent of the value of property and assets securing such indebtedness. See Part II Item 8 of Alcoa Corporation's Annual Report on Form 10-K in Note M to the Consolidated Financial Statements for the year ended December 31, 2023 for more information related to ANHBV's existing debt and related covenants.Credit FacilitiesRevolving Credit FacilityThe Company has a $1,250 revolving credit and letter of credit facility in place for working capital and/or other general corporate purposes (the Revolving Credit Facility). The Revolving Credit Facility, established in September 2016, amended and restated in June 2022 and amended in January 2024, is scheduled to mature in June 2027. Subject to the terms and conditions under the Revolving Credit Facility, the Company or ANHBV, a wholly-owned subsidiary of Alcoa Corporation, may borrow funds or issue letters of credit. Under the terms of the January 2024 amendment, the Company agreed to provide collateral for its obligations under the Revolving Credit Facility. See Part II Item 8 of Alcoa Corporation's Annual Report on Form 10-K in Note M to the Consolidated Financial Statements for the year ended December 31, 2023 for more information on the Revolving Credit Facility.As of June 30, 2024, the Company was in compliance with all financial covenants. The Company may access the entire amount of commitments under the Revolving Credit Facility. There were no borrowings outstanding at June 30, 2024 and December 31, 2023, and no amounts were borrowed during the second quarter and six-month periods of 2024 and 2023 under the Revolving Credit Facility.Japanese Yen Revolving Credit FacilityThe Company entered into a $250 revolving credit facility available to be drawn in Japanese yen (the Japanese Yen Revolving Credit Facility) in April 2023. The Japanese Revolving Credit Facility was amended in January 2024 and in April 2024 (see below) and is scheduled to mature in April 2025. Subject to the terms and conditions under the facility, the Company or ANHBV may borrow funds. The facility includes covenants that are substantially the same as those included in the Revolving Credit Facility. Under the current terms of the January 2024 amendment, the Company agreed to provide collateral for its obligations under the Japanese Yen Revolving Credit Facility. See Part II Item 8 of Alcoa Corporation's Annual Report on Form 10-K in Note M to the Consolidated Financial Statements for the year ended December 31, 2023 for more information on the Japanese Yen Revolving Credit Facility.As of June 30, 2024, the Company was in compliance with all financial covenants. The Company may access the entire amount of commitments under the Japanese Revolving Credit Facility. There were no borrowings outstanding at June 30, 2024 and December 31, 2023. During the second quarter of 2024, no amounts were borrowed. During the six-month period of 2024, $201 (29,686 JPY) was borrowed and $196 (29,686 JPY) was repaid. No amounts were borrowed during the second quarter and six-month period of 2023 under the Japanese Yen Revolving Credit Facility.On April 26, 2024, the Company entered into an amendment extending the maturity of the Japanese Yen Revolving Credit Facility to April 2025.Alumina Limited Revolving Credit FacilityIn connection with the acquisition of Alumina Limited, the Company assumed approximately $385 of indebtedness as of August 1, 2024, representing the amount drawn on Alumina Limited's revolving credit facility.Alumina Limited has a $500 revolving credit facility with tranches maturing in October 2025 ($100), January 2026 ($150), July 2026 ($150), and June 2027 ($100). Alumina Limited's facility contains a financial covenant limiting the incurrence of indebtedness. As of June 30, 2024, Alumina Limited was in compliance with such covenant and could access the remaining commitments under the facility.Alumina Limited's revolving credit facility also contains a clause that allows a majority of lenders, upon a change of control, to issue a notice to Alumina Limited requiring repayment within 90 business days of issuing the notice (the 90-day Notice). Alcoa has engaged with the facility lenders and the lenders have indicated their intention to delay issuing the 90-day Notice until at least December 1, 2024, providing additional time for Alcoa to consider potential repayment or refinancing options subsequent to the acquisition of Alumina Limited. X - ReferencesNo definition available. + Details Name: us-gaap_DebtDisclosureAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionThe entire disclosure for information about short-term and long-term debt arrangements, which includes amounts of borrowings under each line of credit, note payable, commercial paper issue, bonds indenture, debenture issue, own-share lending arrangements and any other contractual agreement to repay funds, and about the underlying arrangements, rationale for a classification as long-term, including repayment terms, interest rates, collateral provided, restrictions on use of assets and activities, whether or not in compliance with debt covenants, and other matters important to users of the financial statements, such as the effects of refinancing and noncompliance with debt covenants. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 6 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481544/470-10-50-6Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 6 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481544/470-10-50-6Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 405 -SubTopic 40 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (d) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477092/405-40-50-1Reference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 405 -SubTopic 40 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (a)(3) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477092/405-40-50-1Reference 5: http://www.xbrl.org/2003/role/disclosureRef -Topic 405 -SubTopic 40 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (a)(2) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477092/405-40-50-1Reference 6: http://www.xbrl.org/2003/role/disclosureRef -Topic 405 -SubTopic 40 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (a)(1) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477092/405-40-50-1Reference 7: http://www.xbrl.org/2003/role/disclosureRef -Topic 405 -SubTopic 40 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477092/405-40-50-1Reference 8: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1B -Subparagraph (h) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481139/470-20-50-1BReference 9: http://www.xbrl.org/2003/role/disclosureRef -Topic 235 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.4-08(c)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480678/235-10-S99-1Reference 10: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 470 -Name Accounting Standards Codification -Publisher FASB -URI https://asc.fasb.org/470/tableOfContentReference 11: http://www.xbrl.org/2003/role/disclosureRef -Topic 835 -SubTopic 30 -Name Accounting Standards Codification -Section 45 -Paragraph 2 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482925/835-30-45-2Reference 12: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1B -Publisher FASB -URI https://asc.fasb.org/1943274/2147481139/470-20-50-1BReference 13: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1B -Subparagraph (g) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481139/470-20-50-1BReference 14: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1B -Subparagraph (i) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481139/470-20-50-1BReference 15: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1C -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481139/470-20-50-1CReference 16: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1C -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481139/470-20-50-1CReference 17: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1C -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481139/470-20-50-1CReference 18: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1E -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481139/470-20-50-1EReference 19: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 11 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481139/470-20-50-1IReference 20: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1I -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481139/470-20-50-1IReference 21: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1I -Subparagraph (d) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481139/470-20-50-1I + Details Name: us-gaap_DebtDisclosureTextBlock Namespace Prefix: us-gaap_ Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration XML 33 R21.htm IDEA: XBRL DOCUMENT v3.24.2.u1 Pension and Other Postretirement Benefits 6 Months Ended Jun. 30, 2024 Retirement Benefits [Abstract] Â Pension and Other Postretirement Benefits L. Pension and Other Postretirement BenefitsThe components of net periodic benefit cost were as follows: Â Â Second quarter endedJune 30, Â Â Six months endedJune 30, Â Pension benefits L Â 2024 Â Â 2023 Â Â 2024 Â Â 2023 Â Service cost Â $ 3 Â Â $ 3 Â Â $ 5 Â Â $ 5 Â Interest cost(1) Â Â 27 Â Â 29 Â Â 54 Â Â 60 Â Expected return on plan assets(1) Â Â (35) Â Â (37) Â Â (70) Â Â (76) Recognized net actuarial loss(1) Â Â 8 Â Â 7 Â Â 16 Â Â 14 Â Curtailments(2) Â Â â€" Â Â â€" Â Â 1 Â Â â€" Â Settlements(2) Â Â (1) Â Â 21 Â Â (1) Â Â 21 Â Net periodic benefit cost Â $ 2 Â Â $ 23 Â Â $ 5 Â Â $ 24 Â Â Â Second quarter endedJune 30, Â Â Six months endedJune 30, Â Other postretirement benefits Â 2024 Â Â 2023 Â Â 2024 Â Â 2023 Â Service cost Â $ â€" Â Â $ 1 Â Â $ 1 Â Â $ 2 Â Interest cost(1) Â Â 6 Â Â 7 Â Â 12 Â Â 13 Â Recognized net actuarial loss(1) Â Â 2 Â Â 1 Â Â 3 Â Â 2 Â Amortization of prior service benefit(1) Â Â (4) Â Â (4) Â Â (7) Â Â (7) Net periodic benefit cost Â $ 4 Â Â $ 5 Â Â $ 9 Â Â $ 10 Â (1)These amounts were reported in Other (income) expenses, net on the accompanying Statement of Consolidated Operations (see Note P).(2)These amounts were reported in Restructuring and other charges, net on the accompanying Statement of Consolidated Operations and Cash Flows.Plan Actions. In 2024, management initiated the following actions to a certain pension plan:Action #1 â€" On January 8, 2024, Alcoa announced the full curtailment of the Kwinana refinery. As a result, curtailment accounting was triggered within Alcoa's Australian pension plan. The Company recorded a $1 decrease to Other noncurrent assets and recognized a curtailment loss of $1 ($0 after-tax) in Restructuring and other charges, net on the accompanying Statement of Consolidated Operations. Action #2 â€" In the second quarter of 2024, settlement accounting and a related plan remeasurement was triggered within Alcoa's Australian pension plan as a result of participants electing lump sum payments. Alcoa recorded a $19 increase to Other noncurrent assets and recognized a settlement gain of $1 ($0 after-tax) in Restructuring and other charges, net on the Statement of Consolidated Operations.Â Action # Â Number ofaffectedplanparticipants Â Weightedaveragediscount rate as of prior plan remeasurement date Â Planremeasurementdate Â Weightedaveragediscount rateas of planremeasurementdate Â Increase (decrease) toother noncurrent assets Â Â Curtailmentloss(1) Â Â Settlement gain(2) Â 1 Â Â ~110 Â N/A Â N/A Â Â $ (1) Â Â $ 1 Â Â $ â€" Â 2 Â Â ~10 Â 4.81% Â June 30, 2024 Â 5.23% Â Â 19 Â Â â€" Â Â (1) Â Â ~120 Â Â â€" Â Â $ 18 Â Â $ 1 Â Â $ (1) (1)This amount represents the net actuarial loss arising from the curtailment and was recognized immediately in Restructuring and other charges, net on the accompanying Statement of Consolidated Operations. (2)This amount represents the net actuarial gain and was reclassified from Accumulated other comprehensive loss to Restructuring and other charges, net on the accompanying Statement of Consolidated Operations.Funding and Cash Flows. It is Alcoa's policy to fund amounts for defined benefit pension plans sufficient to meet the minimum requirements set forth in each applicable country's benefits laws and tax laws, including the Employee Retirement Income Security Act of 1974 (ERISA) for U.S. plans. From time to time, the Company contributes additional amounts as deemed appropriate.Under ERISA regulations, a plan sponsor that establishes a pre-funding balance by making discretionary contributions to a U.S. defined benefit pension plan may elect to apply all or a portion of this balance toward its minimum required contribution obligations to the related plan in future years. In the first and second quarters of 2024, management made such elections related to the Company's U.S. plans and intends to do so for the remainder of 2024. As a result, Alcoa's minimum required contribution to defined benefit pension plans in 2024 is estimated to be approximately $18, of which approximately $4 was contributed to non-U.S. plans during the second quarter of 2024. In the six-month period of 2024, $10 was contributed to non-U.S. plans.In the second quarter of 2023, $5 was contributed to non-U.S. plans. In six-month period of 2023, $9 was contributed to non-U.S. plans. X - ReferencesNo definition available. + Details Name: us-gaap_CompensationAndRetirementDisclosureAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionThe entire disclosure for retirement benefits. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 715 -SubTopic 70 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Publisher FASB -URI https://asc.fasb.org/1943274/2147480794/715-70-50-1Reference 2: http://www.xbrl.org/2003/role/exampleRef -Topic 715 -SubTopic 20 -Name Accounting Standards Codification -Section 55 -Paragraph 17 -Publisher FASB -URI https://asc.fasb.org/1943274/2147480482/715-20-55-17Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 715 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (d)(iv)(03) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480506/715-20-50-1Reference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 715 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (d)(i) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480506/715-20-50-1Reference 5: http://www.xbrl.org/2003/role/disclosureRef -Topic 715 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (q) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480506/715-20-50-1Reference 6: http://www.xbrl.org/2003/role/disclosureRef -Topic 715 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (l) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480506/715-20-50-1Reference 7: http://www.xbrl.org/2003/role/disclosureRef -Topic 715 -Name Accounting Standards Codification -Publisher FASB -URI https://asc.fasb.org/715/tableOfContentReference 8: http://www.xbrl.org/2003/role/disclosureRef -Topic 715 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (d)(iii) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480506/715-20-50-1Reference 9: http://www.xbrl.org/2003/role/disclosureRef -Topic 715 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (o) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480506/715-20-50-1Reference 10: http://www.xbrl.org/2003/role/disclosureRef -Topic 715 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (p) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480506/715-20-50-1Reference 11: http://www.xbrl.org/2003/role/disclosureRef -Topic 715 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (r)(1) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480506/715-20-50-1Reference 12: http://www.xbrl.org/2003/role/disclosureRef -Topic 715 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (r)(2) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480506/715-20-50-1Reference 13: http://www.xbrl.org/2003/role/disclosureRef -Topic 715 -SubTopic 20 -Name Accounting Standards Codification -Section S99 -Paragraph 2 -Publisher FASB -URI https://asc.fasb.org/1943274/2147480126/715-20-S99-2Reference 14: http://www.xbrl.org/2003/role/disclosureRef -Topic 715 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480266/715-60-50-3 + Details Name: us-gaap_PensionAndOtherPostretirementBenefitsDisclosureTextBlock Namespace Prefix: us-gaap_ Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration XML 34 R22.htm IDEA: XBRL DOCUMENT v3.24.2.u1 Derivatives and Other Financial Instruments 6 Months Ended Jun. 30, 2024 Fair Value Disclosures [Abstract] Â Derivatives and Other Financial Instruments M. Derivatives and Other Financial InstrumentsFair Value Fair value is defined as the price that would be received to sell an asset or paid to transfer a liability in an orderly transaction between market participants at the measurement date. The fair value hierarchy distinguishes between (i) market participant assumptions developed based on market data obtained from independent sources (observable inputs) and (ii) an entity's own assumptions about market participant assumptions developed based on the best information available in the circumstances (unobservable inputs). The fair value hierarchy consists of three broad levels, which gives the highest priority to unadjusted quoted prices in active markets for identical assets or liabilities (Level 1) and the lowest priority to unobservable inputs (Level 3). The three levels of the fair value hierarchy are described below:â€¢Level 1 - Unadjusted quoted prices in active markets that are accessible at the measurement date for identical, unrestricted assets or liabilities.â€¢Level 2 - Inputs other than quoted prices included within Level 1 that are observable for the asset or liability, either directly or indirectly, including quoted prices for similar assets or liabilities in active markets;

quoted prices for identical or similar assets or liabilities in markets that are not active; inputs other than quoted prices that are observable for the asset or liability (e.g., interest rates); and inputs that are derived principally from or corroborated by observable market data by correlation or other means.•Level 3 - Inputs that are both significant to the fair value measurement and unobservable.Derivatives Alcoa Corporation is exposed to certain risks relating to its ongoing business operations, including the risks of changing commodity prices, foreign currency exchange rates, and interest rates. Alcoa Corporation's commodity and derivative activities include aluminum, energy, foreign exchange, and interest rate contracts which are held for purposes other than trading. They are used to mitigate uncertainty and volatility, and to cover underlying exposures. While Alcoa does not generally enter into derivative contracts to mitigate the risk associated with changes in aluminum price, the Company may do so in isolated cases to address discrete commercial or operational conditions. Alcoa is not involved in trading activities for energy, weather derivatives, or other nonexchange commodity trading activities.Alcoa Corporation's aluminum and foreign exchange contracts are predominantly classified as Level 1 under the fair value hierarchy. All of the Level 1 contracts are designated as either fair value or cash flow hedging instruments. Alcoa Corporation also has several derivative instruments classified as Level 3 under the fair value hierarchy, which are either designated as cash flow hedges or undesignated. Alcoa includes the changes in its equity method investee's Level 2 derivatives in Accumulated other comprehensive loss in the accompanying Consolidated Balance Sheet.The following tables present the detail for Level 1 and 3 derivatives (see additional Level 3 information in further tables below): Â Â June 30, 2024 Â Â December 31, 2023 Â Â Assets Â Â Liabilities Â Â Assets Â Â Liabilities Â Level 1 derivative instruments Â $ 4 Â $ 11 Â $ 16 Â Â $ 9 Â Level 3 derivative instruments Â Â 34 Â Â 1,191 Â Â 16 Â Â 1,297 Â Total Â $ 38 Â $ 1,202 Â $ 32 Â $ 1,306 Â Less: Current Â Â 38 Â Â 251 Â Â 29 Â Â Â 214 Â Noncurrent Â $â€" Â Â $ 951 Â Â $ 3 Â Â $ 1,092 Â Â 2024 Â Â 2023 Â Second quarter ended June 30, Â Unrealized loss recognized in Other comprehensive loss Â Â Realized gain (loss) reclassed from Other comprehensive loss to earnings Â Â Unrealized gain recognized in Other comprehensive loss Â Â Realized gain (loss) reclassed from Other comprehensive loss to earnings Â Level 1 derivative instruments Â $ (7) Â $â€" Â $ 42 Â $ 28 Â Level 3 derivative instruments Â Â (146) Â Â (75) Â Â 197 Â Â (58) Â Noncontrolling and equity interest (Level 2) Â Â â€" Â Â 1 Â Â 2 Â Â 3 Â Total Â $ (153) Â $ (74) Â $ 241 Â $ (27) For the second quarter of 2024, the realized gains and losses on Level 1 cash flow hedges were immaterial. For the second quarter of 2023, the realized gain of $28 on Level 1 cash flow hedges was comprised of a $32 gain recognized in Sales and a $4 loss recognized in Cost of goods sold. Â Â 2024 Â Â 2023 Â Six months ended June 30, Â Unrealized loss recognized in Other comprehensive loss Â Â Realized gain (loss) reclassed from Other comprehensive loss to earnings Â Â Unrealized gain recognized in Other comprehensive loss Â Â Realized gain (loss) reclassed from Other comprehensive loss to earnings Â Level 1 derivative instruments Â $ (10) Â $ 4 Â Â $ 31 Â $ 44 Â Level 3 derivative instruments Â Â (26) Â Â (132) Â Â 23 Â Â (110) Noncontrolling and equity interest (Level 2) Â Â â€" Â Â 1 Â Â 1 Â Â â€" Â Â 2 Â Total Â $ (36) Â $ (127) Â $ 54 Â $ (64) For the six-month period of 2024, the realized gain of $4 on Level 1 cash flow hedges was recognized in Sales. For the six-month period of 2023, the realized gain of $44 on Level 1 cash flow hedges was comprised of a $48 gain recognized in Sales and a $4 loss recognized in Cost of goods sold.The following table presents the outstanding quantities of derivative instruments classified as Level 1: Â Classification Â June 30, 2024 Â Â June 30, 2023 Â Aluminum (in kmt) Commodity buy forwards Â Â 133 Â Â 187 Â Aluminum (in kmt) Commodity sell forwards Â Â 80 Â Â 206 Â Foreign currency (in millions of euro) Foreign exchange buy forwards Â Â 61 Â Â 86 Â Foreign currency (in millions of euro) Foreign exchange sell forwards Â Â 16 Â Â 18 Â Foreign currency (in millions of Norwegian krone) Foreign exchange buy forwards Â Â 85 Â Â 232 Â Foreign currency (in millions of Brazilian real) Foreign exchange buy forwards Â Â 351 Â Â 1,010 Â Foreign currency (in millions of Canadian dollar) Foreign exchange buy forwards Â Â 22 Â Â â€" Â Alcoa Corporation routinely uses Level 1 aluminum derivative instruments to manage exposures to changes in the fair value of firm commitments for the purchases or sales of aluminum. Additionally, Alcoa uses Level 1 aluminum derivative instruments to manage LME exposures at certain locations with profitability improvement actions (expires December 2024), and the Alumar (Brazil) smelter restart (expired December 2023).Alcoa Corporation uses Level 1 foreign exchange forward contracts to mitigate the risk of foreign exchange exposure related to euro power purchases in Norway (expires December 2026), U.S. dollar aluminum sales in Norway (expires June 2025), U.S. dollar alumina and aluminum sales in Brazil (expires August 2025), and U.S. dollar aluminum sales in Canada (expires March 2025).Additional Level 3 DisclosuresThe following table presents quantitative information related to the significant unobservable inputs described above for Level 3 derivative instruments (megawatt hours in MWh): Â Â June 30, 2024 Â Â Unobservable Input Â Unobservable Input Range Asset Derivatives Â Â Â Â Â Â Â Â Financial contract (undesignated) Â $ 34 Â Interrelationship of forward energy price, LME forward price, and the Consumer Price Index Â Electricity(per MWh) 2024: $93.522024: $40.54 Â Â Â Â Â Â LME (per mt) 2024: $2,491 Â Â Â Â 2024: $2,562 Total Asset Derivatives Â $ 34 Â Â Â Â Â Liability Derivatives Â Â Â Â Â Â Â Â Power contract Â $ 180 Â MWh of energy needed to produce the forecasted mt of aluminum Â LME (per mt) 2024: $2,4912027: $2,742 Â Â Â Â Electricity Rate of 4 million MWh per year Power contracts Â Â 1,008 Â MWh of energy needed to produce the forecasted mt of aluminum Â LME (per mt) 2024: $2,4912029: $2,7342036: $2,934 Â Â Â Â Midwest premium(per pound) 2024: $0.19992029: $0.23652036: $0.2365 Â Â Â Â Â Electricity Rate of 18 million MWh per year Power contract Â Â 2 Â MWh of energy needed to produce the forecasted mt of aluminum Â LME (per mt) 2024: $2,4912024: $2,524 Â Â Â Â Â Midwest premium (per pound) 2024: $0.19992024: $0.2240 Â Â Â Â Electricity Rate of 2 million MWh per year Power contract (undesignated) Â Â 1 Â Estimated spread between the 30-year debt yield of Alcoa and the counterparty Â Credit spread 1.71%: 30-year debt yield spread6.98%: Alcoa (estimated)5.27%: counterparty Total Liability Derivatives Â $ 1,191 Â Â Â Â Â Â The fair values of Level 3 derivative instruments recorded in the accompanying Consolidated Balance Sheet were as follows: Â Asset Derivatives Â June 30, 2024 Â Â December 31, 2023 Â Derivatives not designated as hedging instruments: Â Â Â Â Â Current—financial contract Â $ 34 Â $ 16 Â Total derivatives not designated as hedging instruments Â $ 34 Â $ 16 Â Total Asset Derivatives Â $ 34 Â $ 16 Â Liability Derivatives Â Â Â Â Â Derivatives designated as hedging instruments: Â Â Â Â Â Current—power contracts Â $ 245 Â $ 210 Â Noncurrent—power contracts Â Â 945 Â Â 1,087 Â Total derivatives designated as hedging instruments Â $ 1,190 Â $ 1,297 Â Derivatives not designated as hedging instruments: Â Â Â Â Â Noncurrent—"embedded credit derivative Â 1 Â â€" Â Total derivatives not designated as hedging instruments Â $ 1 Â $ â€" Â Total Liability Derivatives Â $ 1,191 Â $ 1,297 Â Assuming market rates remain constant with the rates at June 30, 2024, a realized loss of $245 related to power contracts is expected to be recognized in Sales over the next 12 months.At June 30, 2024 and December 31, 2023, the power contracts with embedded derivatives designated as cash flow hedges include hedges of forecasted aluminum sales of 1,344 kmt and 1,456 kmt, respectively.The following tables present the reconciliation of activity for Level 3 derivative instruments: Â Assets Â Second quarter ended June 30, 2024 Â Financial contracts Â April 1, 2024 Â $ 12 Â Total gains or losses included in: Â Â Â Other income, net (unrealized/realized) Â Â 55 Â Settlements and other Â Â (33) June 30, 2024 Â $ 34 Â Change in unrealized gains or losses included in earnings Â Â for derivative instruments held at June 30, 2024: Â Â Â Other income, net Â $ 55 Â Â Â Liabilities Â Second quarter ended June 30, 2024 Â Power contracts Â Embeddedcreditderivative Â April 1, 2024 Â $ 1,120 Â $ â€" Â Total gains or losses included in: Â Â Â Â Sales (realized) Â Â (76) Â â€" Â Other expenses, net (unrealized/realized) Â Â â€" Â Â 1 Â Other comprehensive income (unrealized) Â Â 146 Â Â â€" Â June 30, 2024 Â $ 1,190 Â $ 1 Â Change in unrealized gains or losses included in earnings Â Â for derivative instruments held at June 30, 2024: Â Â Â Â Other expenses, net Â $ â€" Â $ 1 Â Â Â Assets Â Six months ended June 30, 2024 Â Financial contracts Â January 1, 2024 Â $ 16 Â Total gains or losses included in: Â Â Â Other income, net (unrealized/realized) Â Â 50 Â Settlements and other Â Â (32) June 30, 2024 Â $ 34 Â Change in unrealized gains or losses included in earnings Â Â for derivative instruments held at June 30, 2024: Â Â Â Other income, net Â $ 50 Â Â Â Liabilities Â Six months ended June 30, 2024 Â Power contracts Â Embeddedcreditderivative Â January 1, 2024 Â $ 1,297 Â $ â€" Â Total gains or losses included in: Â Â Â Â Sales (realized) Â Â (133) Â â€" Â Other expenses, net (unrealized/realized) Â Â â€" Â Â 1 Â Other comprehensive income (unrealized) Â Â 26 Â Â â€" Â June 30, 2024 Â $ 1,190 Â $ 1 Â Change in unrealized gains or losses included in earnings Â Â for derivative instruments held at June 30, 2024: Â Â Â Â Other expenses, net Â $ â€" Â $ 1 Â There were no purchases, sales, or settlements of Level 3 derivative instruments in the periods presented. Other Financial Instruments The carrying values and fair values of Alcoa Corporation's other financial instruments were as follows: Â Â June 30, 2024 Â Â December 31, 2023 Â Â Carrying value Â Fair value Â Â Carrying value Â Â Fair value Â Cash and cash equivalents Â $ 1,396 Â Â $ 1,396 Â Â $ 944 Â Â $ 944 Â Restricted cash Â Â 97 Â Â Â 97 Â Â 103 Â Â 103 Â Short-term borrowings Â Â 31 Â Â 31 Â Â 31 Â Â 56 Â Â 56 Â Long-term debt due within one year Â Â 79 Â Â 79 Â Â 79 Â Â 79 Â Long-term debt, less amount due within one year Â Â 2,469 Â Â 2,477 Â Â 1,732 Â Â 1,702 Â The following methods were used to estimate the fair values of other financial instruments:Cash and cash equivalents and Restricted cash. The carrying amounts approximate fair value because of the short maturity of the instruments. The fair value amounts for Cash and cash equivalents and Restricted cash were classified in Level 1 of the fair value hierarchy.Short-term borrowings and Long-term debt, including amounts due within one year. The fair value of Long-term debt, less amounts due within one year was based on quoted market prices for public debt and on interest rates that are currently available to Alcoa Corporation for issuance of debt with similar terms and maturities for non-public debt. The fair value amounts for all Short-term borrowings and Long-term debt were classified in Level 2 of the fair value hierarchy. X - ReferencesNo definition available. + Details Name: us-gaap_FairValueDisclosuresAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionThe entire disclosure for the fair value of financial instruments (as defined), including financial assets and financial liabilities (collectively, as defined), and the measurements of those instruments as well as disclosures related to the fair value of non-financial assets and liabilities. Such disclosures about the financial instruments, assets, and liabilities would include: (1) the fair value of the required items together with their carrying amounts (as appropriate); (2) for items for which it is not practicable to estimate fair value, disclosure would include: (a) information pertinent to estimating fair value (including, carrying amount, effective interest rate, and maturity, and (b) the reasons why it is not practicable to estimate fair value; (3) significant concentrations of credit risk including: (a) information about the activity, region, or economic characteristics identifying a concentration, (b) the maximum amount of loss the entity is exposed to based on the gross fair value of the related item, (c) policy for requiring collateral or other security and information as to accessing such collateral or security, and (d) the nature and brief description of such collateral or security; (4) quantitative information about market risks and how such risks are managed; (5) for items measured on both a recurring and nonrecurring basis information regarding the inputs used to develop the fair value measurement; and (6) for items presented in the financial statement for which fair value measurement is elected: (a) information necessary to understand the reasons for the election, (b) discussion of the effect of fair value changes on earnings, (c) a description of [similar groups] items for which the election is made and the relation thereof to the balance sheet, the aggregate carrying value of items included in the balance sheet that are not eligible for the election; (7) all other required (as defined) and desired information. + ReferencesReference 1: http://www.xbrl.org/2003/role/exampleRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 107 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482078/820-10-55-107Reference 2: http://www.xbrl.org/2003/role/exampleRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 100 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482078/820-10-55-100Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (c)(3) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482106/820-10-50-2Reference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 6A -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482106/820-10-50-6AReference 5: http://www.xbrl.org/2003/role/disclosureRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2E -Publisher FASB -URI https://asc.fasb.org/1943274/2147482106/820-10-50-2Reference 6: http://www.xbrl.org/2003/role/disclosureRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 6A -Subparagraph (h) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482106/820-10-50-6AReference 7: http://www.xbrl.org/2003/role/disclosureRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 6A -Subparagraph (f) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482106/820-10-50-6AReference 8: http://www.xbrl.org/2003/role/disclosureRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 6A -Subparagraph (e) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482106/820-10-50-6AReference 9: http://www.xbrl.org/2003/role/disclosureRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 6A -Subparagraph (d) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482106/820-10-50-6AReference 10: http://www.xbrl.org/2003/role/disclosureRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (h) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482106/820-10-50-2Reference 11: http://www.xbrl.org/2003/role/disclosureRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (g) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482106/820-10-50-2Reference 12: http://www.xbrl.org/2003/role/disclosureRef -Topic 940 -SubTopic 820 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478119/940-820-50-1 + Details Name: us-gaap_FairValueDisclosuresTextBlock Namespace Prefix: us-gaap_ Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration XML 35 R23.htm IDEA: XBRL DOCUMENT v3.24.2.u1 Income Taxes 6 Months Ended Jun. 30, 2024 Income Tax Disclosure [Abstract] Â Income Taxes N. Income Taxes â€" Alcoa Corporation's estimated annualized effective tax rate (AETR) for 2024 as of June 30, 2024 differs from the U.S. federal statutory rate of 21% primarily due to losses in certain jurisdictions with full valuation allowances resulting in no tax benefit. In addition, income in foreign jurisdictions with higher statutory tax rates contribute to the variance from 21%. Â Â Six months ended June 30, Â Â 2024 Â Â 2023 Â Loss before income taxes Â $ (233) Â Â $ (279) Â Estimated annualized effective tax rate Â Â 105.1 Â % Â (29.3) % Income tax (benefit) expense Â $ (245) Â Â $ 82 Â Â Unfavorable (favorable) tax impact related to losses in jurisdictions with no tax benefit Â Â 288 Â Â Â (11) Â Discrete tax expense Â Â â€" Â Â 3 Â Provision for income taxes Â $ 43 Â Â $ 74 Â Â Alcoa Australia Holdings Pty Ltd (AAH), a wholly-owned indirect subsidiary of Alcoa, made an election prior to July 31, 2024 that results in Alcoa's other wholly-owned Australian subsidiaries joining AAH's tax consolidated group (the AAH Tax Consolidated Group). As a result of the acquisition of Alumina Limited, Alumina Limited and all of its Australian subsidiaries, as well as AofA and all of its subsidiaries, joined the AAH Tax Consolidated Group on August 1, 2024. Alcoa will recognize a deferred tax asset of approximately $100 related to the portion of Alumina Limited's Australian net operating loss carryforwards that the Company has determined are more likely than not to be realized as a result of the consolidated return election. The Inflation Reduction Act of 2022 (IRA) contains a number of tax credits and other incentives for investments in renewable energy production, carbon capture, and other climate-related actions, as well as the production of critical minerals. In December 2023, the U.S. Treasury issued guidance on Section 45X of the Advanced Manufacturing Tax Credit. The Notice of Proposed Rulemaking (the Notice) clarifies that commercial grade aluminum can qualify for the credit, which was designed to incentivize domestic production of critical materials important for the global transition to renewable energy. In the second quarter and six-month period of 2024, the Company recorded benefits of $10 and $20 in Cost of goods sold, respectively, related to its Massena West smelter (New York) and its Warrick smelter (Indiana). As of June 30, 2024, benefits of $36 were included in Other receivables and $20 were included in Other noncurrent assets on the Consolidated Balance Sheet. As of December 31, 2023, benefits of $36 were included in Other receivables on the Consolidated Balance Sheet. X - ReferencesNo definition available. + Details Name: us-gaap_IncomeTaxDisclosureAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionThe entire disclosure for income tax. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 740 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 12 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482685/740-10-50-12Reference 2: http://www.xbrl.org/2003/role/exampleRef -Topic 740 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 231 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482663/740-10-55-231Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 740 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 12C -Publisher FASB -URI https://asc.fasb.org/1943274/2147482685/740-10-50-12CReference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 740 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 12B -Publisher FASB -URI https://asc.fasb.org/1943274/2147482685/740-10-50-12BReference 5: http://www.xbrl.org/2003/role/disclosureRef -Topic 270 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Publisher FASB -URI https://asc.fasb.org/1943274/2147477891/740-270-50-1Reference 6: http://www.xbrl.org/2003/role/disclosureRef -Topic 740 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SAB Topic 6.I.5.Q1) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479360/740-10-S99-1Reference 7: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 13 -Publisher FASB -URI https://asc.fasb.org/1943274/2147480990/946-20-50-13Reference 8: http://www.xbrl.org/2003/role/disclosureRef -Topic 235 -SubTopic 10 -Name Accounting Standards Codification -Section S99

-Paragraph 1 -Subparagraph (SX 210.4-08(h)(2)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480678/235-10-S99-1Reference 9: http://www.xbrl.org/2003/role/disclosureRef -Topic 740 -Name Accounting Standards Codification -Publisher FASB -URI https://asc.fasb.org/740/tableOfContentReference 10: http://www.xbrl.org/2003/role/disclosureRef -Topic 740 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 14 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482685/740-10-50-14Reference 11: http://www.xbrl.org/2003/role/disclosureRef -Topic 740 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 21 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482685/740-10-50-21Reference 12: http://www.xbrl.org/2003/role/disclosureRef -Topic 740 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 17 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482685/740-10-50-17Reference 13: http://www.xbrl.org/2003/role/disclosureRef -Topic 740 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 2 -Subparagraph (SAB Topic 11.C) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479360/740-10-S99-2Reference 14: http://www.xbrl.org/2003/role/disclosureRef -Topic 740 -SubTopic 30 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482603/740-30-50-2 + Details Name: us-gaap_IncomeTaxDisclosureTextBlock Namespace Prefix: us-gaap_ Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration XML 36 R24.htm IDEA: XBRL DOCUMENT v3.24.2.u1 Contingencies 6 Months Ended Jun. 30, 2024 Commitments and Contingencies Disclosure [Abstract] Â Contingencies O. ContingenciesEnvironmental MattersAlcoa Corporation participates in environmental assessments and cleanups at several locations. These include currently or previously owned or operated facilities and adjoining properties, and waste sites, including Superfund (Comprehensive Environmental Response, Compensation and Liability Act (CERCLA)) sites. Alcoa Corporation's environmental remediation reserve balance reflects the most probable costs to remediate identified environmental conditions for which costs can be reasonably estimated. The following table details the changes in the carrying value of recorded environmental remediation reserves:Â Balance at DecemberÂ 31, 2022 Â $ 284 Â Liabilities incurred Â Â 39 Â Cash payments Â Â (55) Reversals of previously recorded liabilities Â Â (1) Foreign currency translation and other Â Â 1 Â Balance at December 31, 2023 Â 268 Â Liabilities incurred Â Â 1 Â Cash payments Â Â (16) Foreign currency translation and other Â Â (1) Balance at June 30, 2024 Â $ 252 Â Â At June 30, 2024 and December 31, 2023, the current portion of the environmental remediation reserve balance was $61 and $66, respectively. Payments related to remediation expenses applied against the reserve were $10 and $16 in the second quarter and six-month period of 2024, respectively. These amounts include mandated expenditures as well as those not required by any regulatory authority or third party.During the second quarter and six-month period of 2023, the Company incurred liabilities of $4 and $18, respectively. The Company incurred liabilities of $14 for the six-month period of 2023 primarily related to the closure of the previously curtailed Intalco aluminum smelter, which was recorded in Restructuring and other charges, net (see Note D) on the Statement of Consolidated Operations, and incurred liabilities of $4 for the second quarter of 2023 for ongoing remediation work at various other sites, which was recorded in Cost of goods sold on the accompanying Statement of Consolidated Operations. Payments related to remediation expenses applied against the reserve were $16 and $23 in the second quarter and six-month period of 2023, respectively. These amounts include mandated expenditures as well as those not required by any regulatory authority or third party. Further, the Company recorded a reversal of a reserve of $1 during the six-month period of 2023 due to the determination that certain remaining site remediation is no longer required. The estimated timing of cash outflows from the environmental remediation reserve at June 30, 2024 was as follows: 2024 (excluding the six months ended June 30, 2024) $ 48 Â 2025 â€“ 2029 Â 119 Â Thereafter Â 85 Â Total $ 252 Â Reserve balances at June 30, 2024 and December 31, 2023, associated with significant sites with active remediation underway or for future remediation were $199 and $211, respectively. In management's judgment, the Company's reserves are sufficient to satisfy the provisions of the respective action plans. Upon changes in facts or circumstances, a change to the reserve may be required. The Company's significant sites include: Suriname—The reserve associated with the 2017 closure of the Suralco refinery and bauxite mine is for treatment and disposal of refinery waste and soil remediation. The work began in 2017 and is expected to be completed at the end of 2029. Hurricane Creek, Arkansas—The reserve associated with the 1990 closure of two mining areas and refineries near Hurricane Creek, Arkansas is for ongoing monitoring and maintenance for water quality surrounding the mine areas and residue disposal areas.Massena, New York—The reserve associated with the 2015 closure of the Massena East smelter by the Company's subsidiary, Reynolds Metals Company, is for subsurface soil remediation to be performed after demolition of the structures. Remediation work commenced in 2021 and will take four to eight years to complete. Point Comfort, Texas—The reserve associated with the 2019 closure of the Point Comfort alumina refinery is for disposal of industrial wastes contained at the site, subsurface remediation, and post-closure monitoring and maintenance. The final remediation plan is currently being developed, which may result in a change to the existing reserve. Sherwin, Texas—In connection with the 2018 settlement of a dispute related to the previously-owned Sherwin alumina refinery, the Company's subsidiary, Copano Enterprises LLC, accepted responsibility for the final closure of four bauxite residue waste disposal areas (known as the Copano facility). Work commenced on the first residue disposal area in 2018 and is expected to be completed no later than May 2028. Other than ongoing maintenance and repair activities, work on the next three areas has not commenced but is expected to be completed by 2048, depending on its potential re-use.Longview, Washington—In connection with a 2018 Consent Decree and Cleanup Action Plan with the State of Washington Department of Ecology, the Company's subsidiary, Northwest Alloys as landowner, accepted certain responsibilities for future remediation of contaminated soil and sediments at the site located near Longview, Washington. In December 2020, the lessee of the land, who was a partner in the remediation of the site, filed for bankruptcy and exited the site in January 2021. The full site remediation project design, including long-term and post-closure monitoring and maintenance at the site, was approved in March 2023. In the third quarter of 2023, changes in scope and cost increases for remediation resulted in an increase to the reserve. The project is planned to be completed by the end of 2026. Addy, Washington—The reserve associated with the 2022 closure of the Addy magnesium smelter facility is for site-wide remediation and investigation and post-closure monitoring and maintenance. Remediation work is not expected to begin until 2026 and will take three to five years to complete. The final remediation plan is currently being developed, which may result in a change to the existing reserve.Ferndale, Washington—The reserve associated with the 2023 closure of the Intalco aluminum smelter in Ferndale, Washington is for below grade site remediation and five years of post-closure maintenance and monitoring. The final remediation plan is under review.Other Sites—The Company is in the process of decommissioning various other plants and remediating sites in several countries for potential redevelopment or to return the land to a natural state. In aggregate, there are remediation projects at 32 other sites that are planned or underway. These activities will be completed at various times in the next three to five years, after which ongoing monitoring and other activities may be required. At June 30, 2024 and December 31, 2023, the reserve balance associated with these activities was $53 and $57, respectively.TaxBrazil (AWAB)—Under Brazilian law, taxpayers who generate non-cumulative federal value added tax credits related to exempt exports may either request a refund in cash (monetization) or offset them against other federal taxes owed. In 2012, AWAB requested monetization of $136 (R$273) from the Brazilian Federal Revenue Office (RFB) and received $68 (R$136) that year. In March 2013, AWAB was notified by the RFB that approximately $110 (R$220) of value added tax credits previously claimed were being disallowed and a penalty of 50% was assessed. $41 (R$82) of the cash received in 2012 related to the disallowed amount. The value added tax credits were claimed by AWAB for both fixed assets and export sales related to the Juruti bauxite mine and Alumar refinery expansion for tax years 2009 through 2011. The RFB has disallowed credits they allege belong to the consortium in which AWAB owns an interest and should not have been claimed by AWAB. Credits have also been disallowed as a result of challenges to apportionment methods used, questions about the use of the credits, and an alleged lack of documented proof. AWAB presented defense of its claim to the RFB on April 8, 2013.In February 2022, the RFB notified AWAB that it had inspected the value added tax credits claimed for 2012 and disallowed $4 (R$19). In its decision, the RFB allowed credits of $14 (R$65) that were similar to those previously disallowed for 2009 through 2011. In July 2022, the RFB notified AWAB that it had inspected the value added tax credits claimed for 2013 and disallowed $13 (R$66). In its decision, the RFB allowed credits of $10 (R$53) that were similar to those previously disallowed for 2009 through 2011. AWAB received the 2012 allowed credits with interest of $9 (R$44) in March 2022 and the 2013 allowed credits with interest of $6 (R$31) in August 2022. The decisions on the 2012 and 2013 credits provide positive evidence to support management's opinion that there is no basis for these credits to be disallowed. AWAB will continue to dispute the credits that were disallowed for 2012 and 2013. If AWAB is successful in this administrative process, the RFB would have no further recourse. If unsuccessful in this process, AWAB has the option to litigate at a judicial level. Separately from AWAB's administrative appeal, in June 2015, a new tax law was enacted repealing the provisions in the tax code that were the basis for the RFB assessing a 50% penalty in this matter. As such, the estimated range of reasonably possible loss for these matters is $0 to $55 (R$305). It is management's opinion that the allegations have no basis; however, at this time, the Company is unable to reasonably predict an outcome for this matter.Â Australia (AofA)—In December 2019, AofA received a statement of audit position (SOAP) from the Australian Taxation Office (ATO) related to the pricing of certain historic third-party alumina sales. The SOAP proposed adjustments that would result in additional income tax payable by AofA. During 2020, the SOAP was the subject of an independent review process within the ATO. At the conclusion of this process, the ATO determined to continue with the proposed adjustments and issued Notices of Assessment (the Notices) that were received by AofA on July 7, 2020. The Notices asserted claims for income tax payable by AofA of approximately $143 (A$214). The Notices also included claims for compounded interest on the tax amount totaling approximately $474 (A$707). On September 17, 2020, the ATO issued a position paper with its preliminary view on the imposition of administrative penalties related to the tax assessment issued to AofA. This paper proposed penalties of approximately $86 (A$128). AofA disagreed with the Notices and with the ATO's proposed position on penalties. During 2020, AofA lodged formal objections to the Notices, provided a submission on the ATO's imposition of interest and submitted a response to the ATO's position paper on penalties. After the ATO completes its review of AofA's response to the penalties position paper, the ATO could issue a penalty assessment.To date, AofA has not received a response to its submission on the ATO's imposition of interest or its response to the ATO's position paper on penalties.Through February 1, 2022, AofA did not receive a response from the ATO on AofA's formal objections to the Notices and, on that date, AofA submitted statutory notices to the ATO requiring the ATO to make decisions on AofA's objections within a 60-day period. On April 1, 2022, the ATO issued its decision disallowing the Company's objections related to the income tax assessment, while the position on penalties and interest remains outstanding. On April 29, 2022, AofA filed proceedings in the Australian Administrative Appeals Tribunal (AAT) against the ATO to contest the Notices. The AAT held the first directions hearing on July 25, 2022 ordering AofA to file its evidence and related materials by November 4, 2022, ATO to file its materials by April 14, 2023 and AofA to file reply materials by May 26, 2023. AofA filed its evidence and related materials on November 4, 2022. The ATO did not file its materials by April 14, 2023. At a directions hearing on May 17, 2023, the ATO was granted an extension to file its materials by August 18, 2023. At a directions hearing on September 26, 2023, the ATO was granted an additional extension to file its materials by November 3, 2023. The ATO filed its materials on November 13, 2023. At a directions hearing on November 22, 2023, AofA was ordered to file any reply materials by March 15, 2024. AofA filed its reply materials on March 15, 2024. The substantive hearing was completed in June 2024, and AofA is awaiting the AAT's decision.The Company maintains that the sales subject to the ATO's review, which were ultimately sold to Aluminium Bahrain B.S.C., were the result of arm's length transactions by AofA over two decades and were made at arm's length prices consistent with the prices paid by other third-party alumina customers.In accordance with the ATO's dispute resolution practices, AofA paid 50% of the assessed income tax amount exclusive of interest and any penalties, or approximately $74 (A$107), during the third quarter 2020, and the ATO is not expected to seek further payment prior to final resolution of the matter. If AofA is ultimately successful, any amounts paid to the ATO as part of the 50% payment would be refunded. AofA funded the payment with cash on hand and recorded the payment within Other noncurrent assets as a noncurrent prepaid tax asset; at June 30, 2024 the related balance was $72 (A$107).Further interest on the unpaid tax will continue to accrue during the dispute. The initial interest assessment and the additional interest accrued are deductible against taxable income by AofA but would be taxable as income in the year the dispute is resolved if AofA is ultimately successful. AofA applied this deduction beginning in the third quarter of 2020, reducing cash tax payments. At June 30, 2024 and December 31, 2023, total reductions in cash tax payments were $209 (A$312) and $199 (A$293), respectively, and are reflected within Other noncurrent liabilities and deferred credits as a noncurrent accrued tax liability.The Company continues to believe it is more likely than not that AofA's tax position will be sustained and therefore is not recognizing any tax expense in relation to this matter. However, because the ultimate resolution of this matter is uncertain at this time, the Company cannot predict the potential loss or range of loss associated with the outcome, which may materially affect its results of operations and financial condition. References to any assessed U.S. dollar amounts presented in connection with this matter have been converted into U.S. dollars from Australian dollars based on the exchange rate in the respective period.Â Legal ProceedingsSt. Croix Proceedings—Prior to 2012, Alcoa Inc., the Company's former parent company, was served with two multi-plaintiff actions alleging personal injury or property damage from Hurricane Georges or winds blowing material from the Company's former St. Croix alumina facility. These actions were subsequently consolidated into the Red Dust Claims docket in 2017.In March 2022, the Superior Court of the Virgin Islands issued an amended case management order dividing complaints filed in the Red Dust docket into groups of 50 complaints, designated Groups A through I. The parties selected 10 complaints from Group A to proceed to trial as the Group A lead cases. In May 2024, the Court issued an amended case management order with regard to the Group A lead cases scheduling trials to begin in November 2024. Trials with regard to the Group A lead cases will continue through July 2025. The Court further ordered the parties to participate in mediation on or before August 31, 2024. After completing its case analysis in the second quarter of 2024, the Company recorded a reserve for its estimate of probable loss and a related receivable for insurance proceeds with no material impact to the results of operations.General In addition to the matters discussed above, various other lawsuits, claims, and proceedings have been or may be instituted or asserted against Alcoa Corporation, including those pertaining to environmental, safety and health, commercial, tax, product liability, intellectual property infringement, governance, employment, and employee and retiree benefit matters, and other actions and claims arising out of the normal course of business. While the amounts claimed in these other matters may be substantial, the ultimate liability is not readily determinable because of the considerable uncertainties that exist. Accordingly, it is possible that the Company's liquidity or results of operations in a particular period could be materially affected by one or more of these other matters. However, based on facts currently available, management believes that the disposition of these other matters that are pending or asserted will not have a material adverse effect, individually or in the aggregate, on the financial position of the Company. X - ReferencesNo definition available. + Details Name: us-gaap_CommitmentsAndContingenciesDisclosureAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionThe entire disclosure for commitments and contingencies. + ReferencesReference 1: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 405 -SubTopic 30 -Name Accounting Standards Codification -Publisher FASB -URI https://asc.fasb.org/405-30/tableOfContentReference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 440 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 4 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482648/440-10-50-4Reference 3: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 450 -Name Accounting Standards Codification -Publisher FASB -URI https://asc.fasb.org/450/tableOfContentReference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 954 -SubTopic 440 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478522/954-440-50-1Reference 5: http://www.xbrl.org/2003/role/disclosureRef -Topic 440 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 4 -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482648/440-10-50-4Reference 6: http://www.xbrl.org/2003/role/disclosureRef -Topic 440 -Name Accounting Standards Codification -Publisher FASB -URI https://asc.fasb.org/440/tableOfContent + Details Name: us-gaap_CommitmentsAndContingenciesDisclosureTextBlock Namespace Prefix: us-gaap_ Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration XML 37 R25.htm IDEA: XBRL DOCUMENT v3.24.2.u1 Other Financial Information 6 Months Ended Jun. 30, 2024 Other Financial Information [Abstract] Â Other Financial Information P. Other Financial InformationOther (Income) Expenses, Net Â Second quarter ended June 30, Â Â Six months ended June 30, Â Â 2024 Â 2023 Â 2024 Â 2023 Â Equity (gain) loss Â $ (22) Â $ 44 Â $ 5 Â $ 139 Â Foreign currency losses (gains), net Â Â 57 Â Â (39) Â 81 Â Â (55) Net loss from asset sales Â Â 6 Â Â 1 Â Â 17 Â Â 15 Â Net (gain) loss on mark-to-market derivative instruments Â Â (54) Â Â 9 Â Â (49) Â Â (17) Non-service costs â€” pension and other postretirement benefits Â Â 4 Â Â 3 Â Â 8 Â Â 6 Â Other, net Â Â (13) Â Â (12) Â Â (22) Â $ 6 Â Â $ 37 Â Â $ 60 Â Other Noncurrent Assets Â June 30, 2024 Â Â December 31, 2023 Â Prepaid gas transmission contract Â $ 296 Â Â $ 297 Â Value added tax credits Â Â 287 Â Â 336 Â Gas supply prepayment Â Â 261 Â Â 283 Â Deferred mining costs, net Â Â 186 Â Â 187 Â Prepaid pension benefit Â Â 153 Â Â 125 Â Goodwill Â Â 144 Â Â 146 Â Noncurrent prepaid tax asset Â Â 72 Â Â 73 Â Noncurrent restricted cash Â Â 53 Â Â 71 Â Intangibles, net Â Â 35 Â Â 37 Â Other Â Â 114 Â Â 95 Â $ 1,601 Â $ 1,650 Â Cash and Cash Equivalents and Restricted Cash Â June 30, 2024 Â Â December 31, 2023 Â Cash and cash equivalents Â $ 1,396 Â Â $ 944 Â Current restricted cash Â Â 44 Â Â 32 Â Noncurrent

restricted cash Â Â 53 Â Â 71 Â Â $ 1,493 Â Â $ 1,047 Â X - DefinitionOther financial information. + ReferencesNo definition available. + Details Name: aa_OtherFinancialInformationAbstract Namespace Prefix: aa_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionThe entire disclosures of supplemental information, including descriptions and amounts, related to the balance sheet, income statement, and/or cash flow statement. + ReferencesNo definition available. + Details Name: us-gaap_AdditionalFinancialInformationDisclosureTextBlock Namespace Prefix: us-gaap_ Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration XML 38 R26.htm IDEA: XBRL DOCUMENT v3.24.2.u1 Supplier Finance Programs 6 Months Ended Jun. 30, 2024 Supplier Finance Programs [Abstract] Â Supplier Finance Programs Q. Supplier Finance ProgramsThe Company has various supplier finance programs with third-party financial institutions that are made available to suppliers to facilitate payment term negotiations. Under the terms of these agreements, participating suppliers receive payment in advance of the payment date from third-party financial institutions for qualifying invoices. Alcoa's obligations to its suppliers, including amounts due and payment terms, are not impacted by its suppliers' participation in these programs. The Company does not pledge any assets as security or provide any guarantees beyond payment of outstanding invoices at maturity under these arrangements. The Company does not pay fees to the financial institutions under these arrangements. At June 30, 2024 and December 31, 2023, qualifying supplier invoices outstanding under these programs were $123 and $104, respectively, and have payment terms ranging from 50 to 110 days. These obligations are included in Accounts payable, trade on the accompanying Consolidated Balance Sheet. X - DefinitionSupplier Finance Programs. + ReferencesNo definition available. + Details Name: aa_SupplierFinanceProgramsTextBlock Namespace Prefix: aa_ Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration X - DefinitionSupplier Finance Programs. + ReferencesNo definition available. + Details Name: aa_SupplierFinancingAbstract Namespace Prefix: aa_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration XML 39 R27.htm IDEA: XBRL DOCUMENT v3.24.2.u1 Subsequent Events 6 Months Ended Jun. 30, 2024 Subsequent Events [Abstract] Â Subsequent Events R. Subsequent EventsOn August 1, 2024, the Company completed the acquisition of Alumina Limited (see Note C).On July 31, 2024, the Board of Directors declared a quarterly cash dividend of $0.10 per share of the Company's common stock and Series A convertible preferred stock, to be paid on August 29, 2024 to stockholders of record as of the close of business on August 12, 2024. Dividends on Alcoa's common and preferred shares are paid in U.S. dollars. Dividends on CDIs paid in a currency other than U.S. dollar will be determined using foreign currency exchange rates as of August 22, 2024.In May 2022, the Company received a Notice of Violation (NOV) from the U.S. Environmental Protection Agency (the EPA). The NOV alleges violations under the Clean Air Act at the Company's Intalco smelter from when the smelter was operational. The EPA referred the matter to the U.S. Department of Justice, Environment and Natural Resources Division (the DOJ) in May 2022. The DOJ and the Company agreed to a stipulated settlement, which was filed with the United States District Court for the Western District of Washington at Seattle on July 18, 2024, requiring the Company to pay a civil fine of $5. An accrual for this matter was included within Other current liabilities on the Consolidated Balance Sheet as of June 30, 2024. X - ReferencesNo definition available. + Details Name: us-gaap_SubsequentEventsAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionThe entire disclosure for significant events or transactions that occurred after the balance sheet date through the date the financial statements were issued or the date the financial statements were available to be issued. Examples include: the sale of a capital stock issue, purchase of a business, settlement of litigation, catastrophic loss, significant foreign exchange rate changes, loans to insiders or affiliates, and transactions not in the ordinary course of business. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 855 -Name Accounting Standards Codification -Publisher FASB -URI https://asc.fasb.org/855/tableOfContentReference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 855 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483399/855-10-50-2 + Details Name: us-gaap_SubsequentEventsTextBlock Namespace Prefix: us-gaap_ Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration XML 40 R28.htm IDEA: XBRL DOCUMENT v3.24.2.u1 Basis of Presentation (Policies) 6 Months Ended Jun. 30, 2024 Organization, Consolidation and Presentation of Financial Statements [Abstract] Â Basis of Presentation A. Basis of Presentation — The interim Consolidated Financial Statements of Alcoa Corporation and its subsidiaries (Alcoa Corporation, Alcoa, or the Company) are unaudited. These Consolidated Financial Statements include all adjustments, consisting only of normal recurring adjustments, considered necessary by management to fairly state the Company's results of operations, financial position, and cash flows. The results reported in these Consolidated Financial Statements are not necessarily indicative of the results that may be expected for the entire year. The 2023 year-end balance sheet data was derived from audited financial statements but does not include all disclosures required by accounting principles generally accepted in the United States of America (GAAP). This Quarterly Report on Form 10-Q should be read in conjunction with the Company's Annual Report on Form 10-K for the year ended December 31, 2023, which includes disclosures required by GAAP.In accordance with GAAP, certain situations require management to make estimates based on judgments and assumptions, which may affect the reported amounts of assets and liabilities and the disclosure of contingent assets and liabilities at the date of the financial statements. They also may affect the reported amounts of revenues and expenses during the reporting periods. Management uses historical experience and all available information to make these estimates. Management regularly evaluates the judgments and assumptions used in its estimates, and results could differ from those estimates upon future events and their effects or new information. Principles of Consolidation Principles of Consolidation. The Consolidated Financial Statements of Alcoa Corporation include the accounts of Alcoa Corporation and companies in which Alcoa Corporation has a controlling interest, including those that comprise the Alcoa World Alumina & Chemicals (AWAC) joint venture (see below). Intercompany transactions have been eliminated. The equity method of accounting is used for investments in affiliates and other joint ventures over which Alcoa Corporation has significant influence but does not have effective control. Investments in affiliates in which Alcoa Corporation cannot exercise significant influence are accounted for at cost less any impairment, a measurement alternative in accordance with GAAP.AWAC is an unincorporated global joint venture between Alcoa Corporation and Alumina Limited and consists of several affiliated operating entities, which own, have an interest in, or operate the bauxite mines and alumina refineries within Alcoa Corporation's Alumina segment (except for the Poços de Caldas mine and refinery and portions of the São Luís refinery, all in Brazil) and a portion (55%) of the Portland smelter (Australia) within Alcoa Corporation's Aluminum segment. Alcoa Corporation owns 60% and Alumina Limited owns 40% of these individual entities, which are consolidated by the Company for financial reporting purposes and include Alcoa of Australia Limited (AofA), Alcoa World Alumina LLC (AWA), Alcoa World Alumina Brasil Ltda. (AWAB), and Alúmina Española, S.A. (Española). Alumina Limited's interest in the equity of such entities is reflected as Noncontrolling interest on the accompanying Consolidated Balance Sheet. On August 1, 2024, the Company completed the acquisition of Alumina Limited (see Note C). X - DefinitionDisclosure of accounting policy for basis of accounting, or basis of presentation, used to prepare the financial statements (for example, US Generally Accepted Accounting Principles, Other Comprehensive Basis of Accounting, IFRS). + ReferencesNo definition available. + Details Name: us-gaap_BasisOfAccountingPolicyPolicyTextBlock Namespace Prefix: us-gaap_ Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration X - DefinitionDisclosure of accounting policy regarding (1) the principles it follows in consolidating or combining the separate financial statements, including the principles followed in determining the inclusion or exclusion of subsidiaries or other entities in the consolidated or combined financial statements and (2) its treatment of interests (for example, common stock, a partnership interest or other means of exerting influence) in other entities, for example consolidation or use of the equity or cost methods of accounting. The accounting policy may also address the accounting treatment for intercompany accounts and transactions, noncontrolling interest, and the income statement treatment in consolidation for issuances of stock by a subsidiary. + ReferencesReference 1: http://www.xbrl.org/2003/role/exampleRef -Topic 235 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 4 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483426/235-10-50-4Reference 2: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 810 -SubTopic 10 -Section 50 -Paragraph 1 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481203/810-10-50-1 + Details Name: us-gaap_ConsolidationPolicyTextBlock Namespace Prefix: us-gaap_ Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration X - ReferencesNo definition available. + Details Name: us-gaap_OrganizationConsolidationAndPresentationOfFinancialStatementsAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration XML 41 R29.htm IDEA: XBRL DOCUMENT v3.24.2.u1 Restructuring and Other Charges, Net (Tables) 6 Months Ended Jun. 30, 2024 Restructuring and Related Activities [Abstract] Â Schedule of Restructuring and Other Charges, Net by Reportable Segments, Pretax Alcoa Corporation does not include Restructuring and other charges, net in the results of its reportable segments. The impact of allocating such charges to segment results would have been as follows: Â Â Second quarter ended June 30, Â Six months ended June 30, Â Â 2024 Â 2023 Â 2024 Â 2023 Â Alumina Â $ 8 Â $ 1 Â $ 205 Â $ 2 Â Aluminum Â Â — Â 19 Â Â — Â 165 Â Segment total Â 8 Â 20 Â 205 Â 167 Â Corporate Â 10 Â Â 4 Â 15 Â Â 6 Â Total Restructuring and other charges, net Â $ 18 Â $ 24 Â $ 220 Â $ 173 Â Activity and Reserve Balances for Restructuring Charges Activity and reserve balances for restructuring charges were as follows: Â Â Severanceandemployeeterminationcosts Â Â Othercosts Â Â Total Â Balance at December 31, 2022 Â $ 1 Â $ 116 Â $ 117 Â Restructuring and other charges, net Â 11 Â 55 Â 66 Â Cash payments Â (6) Â (118) Â (124) Reversals and other Â Â — Â 4 Â 4 Â Balance at December 31, 2023 Â 6 Â 57 Â 63 Â Restructuring and other charges, net Â 43 Â 156 Â 199 Â Cash payments Â (1) Â (55) Â (56) Reversals and other Â 1 Â 3 Â 4 Â Balance at June 30, 2024 Â $ 49 Â $ 161 Â $ 210 X - DefinitionSchedule of restructuring charges, net before income tax not allocated to reportable segment. + ReferencesNo definition available. + Details Name: aa_ScheduleOfRestructuringChargesNetBeforeIncomeTaxNotAllocatedToReportableSegmentTableTextBlock Namespace Prefix: aa_ Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration X - ReferencesNo definition available. + Details Name: us-gaap_RestructuringAndRelatedActivitiesAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionTabular disclosure of an entity's restructuring reserve that occurred during the period associated with the exit from or disposal of business activities or restructurings for each major type of cost. This element may also include a description of any reversal and other adjustment made during the period to the amount of an accrued liability for restructuring activities. This element may be used to encapsulate the roll forward components of an entity's restructuring reserve by type of cost and in total, and explanation of changes that occurred in the period. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 420 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 2 -Subparagraph (SAB Topic 5.P.4.b.2) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479823/420-10-S99-2Reference 2: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 420 -SubTopic 10 -Section 50 -Paragraph 1 -Subparagraph (b)(2) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482017/420-10-50-1 + Details Name: us-gaap_ScheduleOfRestructuringReserveByTypeOfCostTextBlock Namespace Prefix: us-gaap_ Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration XML 42 R30.htm IDEA: XBRL DOCUMENT v3.24.2.u1 Segment Information (Tables) 6 Months Ended Jun. 30, 2024 Segment Reporting [Abstract] Â Schedule of Operating Results of Alcoa's Reportable Segments The operating results of Alcoa Corporation's reportable segments were as follows (differences between segment totals and consolidated amounts are in Corporate):Â Â Â Â Alumina Â Â Aluminum Â Â Total Â Second quarter ended June 30, 2024 Â Â Â Â Â Â Â Â Â Sales: Â Â Â Â Â Â Â Â Â Third-party sales Â Â $ 1,010 Â $ 1,895 Â $ 2,905 Â Intersegment sales Â Â Â 457 Â Â 3 Â Â Â 460 Â Total sales Â Â $ 1,467 Â $ 1,898 Â $ 3,365 Â Segment Adjusted EBITDA Â $ 186 Â $ 233 Â $ 419 Â Supplemental information: Â Â Â Â Â Â Â Â Â Depreciation, depletion, and amortization Â Â $ 90 Â $ 68 Â $ 158 Â Equity income Â Â $ 2 Â $ 21 Â $ 23 Â Second quarter ended June 30, 2023 Â Â Â Â Â Â Â Â Â Â $. Sales: Â Â Â Â Â Â Â Â Â Third-party sales Â Â $ 894 Â $ 1,788 Â $ 2,682 Â Intersegment sales Â Â Â 397 Â Â 4 Â Â 401 Â Total sales Â Â $ 1,291 Â $ 1,792 Â $ 3,083 Â Segment Adjusted EBITDA Â $ 33 Â $ 110 Â $ 143 Â Supplemental information: Â Â Â Â Â Â Â Â Â Depreciation, depletion, and amortization Â Â $ 80 Â $ 68 Â $ 148 Â Equity loss Â Â $ (11) Â $ (16) Â $ (27) Â Alumina Â Aluminum Â Total Â Six months ended June 30, 2024 Â Â Â Â Â Â Â Â Â Sales: Â $ Â Â Â Â Â Third-party sales Â Â $ 1,971 Â $ 3,533 Â $ 5,504 Â Intersegment sales Â Â 852 Â Â 7 Â Â 859 Â Total sales Â Â $ 2,823 Â Â $ 3,540 Â $ 6,363 Â Segment Adjusted EBITDA Â $ 325 Â $ 283 Â $ 608 Â Supplemental information: Â Â Â Â Â Â Â Â Â Depreciation, depletion, and amortization Â $ 177 Â $ 136 Â $ 313 Â Equity (loss) income Â Â $ (9) Â $ 23 Â $ 14 Â Six months ended June 30, 2023 Â Â Â Â Â Â Â Â Â Sales: Â Â Â Â Â Â Â Â Â Third-party sales Â Â $ 1,751 Â $ 3,598 Â $ 5,349 Â Intersegment sales Â Â 818 Â Â 7 Â Â 825 Â Total sales Â Â $ 2,569 Â $ 3,605 Â $ 6,174 Â Segment Adjusted EBITDA Â $ 136 Â $ 294 Â $ 430 Â Supplemental information: Â Â Â Â Â Â Â Â Â Depreciation, depletion, and amortization Â $ 157 Â $ 138 Â $ 295 Â Equity loss Â $ (28) Â $ (73) Â $ (101) Schedule of Segment Adjusted EBITDA to Consolidated Net Income (Loss) Attributable to Alcoa Corporation The following table reconciles Total Segment Adjusted EBITDA to Consolidated net income (loss) attributable to Alcoa Corporation: Â Â Second quarter ended June 30, Â Â Six months ended June 30, Â Â 2024 Â 2023 Â 2024 Â 2023 Â Total Segment Adjusted EBITDA Â $ 419 Â $ 143 Â $ 608 Â $ 430 Â Unallocated amounts: Â Â Â Â Â Â Â Â Transformation(1) Â (16) Â (17) Â (30) Â (25) Intersegment eliminations Â Â (29) Â 31 Â Â (37) Â 23 Â Corporate expenses(2) Â (41) Â (24) Â (75) Â (54) Provision for depreciation, depletion, and amortization Â Â (163) Â (153) Â (324) Â (306) Restructuring and other charges, net (D) Â (18) Â (24) Â (220) Â (173) Interest expense Â (40) Â (27) Â (67) Â (53) Other income (expenses), net (P) Â 22 Â 6 Â (37) Â 60 Â Other(3) Â (42) Â (22) Â (51) Â (61) Consolidated income (loss) before income taxes Â 92 Â (99) Â (233) Â (279) Provision for income taxes Â (61) Â (11) Â (43) Â (74) Net (income) loss attributable to noncontrolling interest Â (11) Â 19 Â 44 Â 20 Â Consolidated net income (loss) attributable to Alcoa Corporation Â $ 20 Â $ (102) Â $ (232) Â $ (333) Â (1)Transformation includes, among other items, the Adjusted EBITDA of previously closed operations.(2)Corporate expenses are composed of general administrative and other expenses of operating the corporate headquarters and other global administrative facilities, as well as research and development expenses of the corporate technical center. (3)Other includes certain items that are not included in the Adjusted EBITDA of the reportable segments. Schedule of Sales by Product Division The following table details Alcoa Corporation's Sales by product division:Â Â Second quarter ended June 30, Â Six months ended June 30, Â Â 2024 Â 2023 Â 2024 Â 2023 Â Aluminum Â $ 1,934 Â $ 1,824 Â $ 3,595 Â $ 3,670 Â Alumina Â 904 Â 774 Â 1,794 Â 1,488 Â Energy Â Â 29 Â Â 26 Â Â 62 Â 54 Â Bauxite Â 96 Â 109 Â 157 Â 236 Â Other(1) Â (57) Â (49) Â (103) Â (94) Â $ 2,906 Â $ 2,684 Â $ 5,505 Â $ 5,354 Â (1)Other includes realized gains and losses related to embedded derivative instruments designated as cash flow hedges of forward sales of aluminum. X - DefinitionSchedule of segment reporting information to consolidate net income loss attributable to parent. + ReferencesNo definition available. + Details Name: aa_ScheduleOfSegmentReportingInformationToConsolidateNetIncomeLossAttributableToParentTableTextBlock Namespace Prefix: aa_ Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration X - DefinitionTabular disclosure of entity-wide revenues from external customers for each product or service or each group of similar products or services if the information is not provided as part of the reportable operating segment information. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 280 -SubTopic 10 -Section 50 -Paragraph 40 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-40 + Details Name: us-gaap_ScheduleOfEntityWideInformationRevenueFromExternalCustomersByProductsAndServicesTextBlock Namespace Prefix: us-gaap_ Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration X - DefinitionTabular disclosure of the profit or loss and total assets for each reportable segment. An entity discloses certain information on each reportable segment if the amounts (a) are included in the measure of segment profit or loss reviewed by the chief operating decision maker or (b) are otherwise regularly provided to the chief operating decision maker, even if not included in that measure of segment profit or loss. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 280 -SubTopic 10 -Section 50 -Paragraph 25 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-25Reference 2: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 280 -SubTopic 10 -Section 50 -Paragraph 22 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-22Reference 3: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 280 -SubTopic 10 -Section 50 -Paragraph 30 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-30 + Details Name: us-gaap_ScheduleOfSegmentReportingInformationBySegmentTextBlock Namespace Prefix: us-gaap_ Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration X - ReferencesNo definition available. + Details Name: us-gaap_SegmentReportingAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration XML 43 R31.htm IDEA: XBRL DOCUMENT v3.24.2.u1 Earnings Per Share (Tables) 6 Months Ended Jun. 30, 2024 Earnings Per Share [Abstract] Â Schedule of Computation of Basic and Diluted EPS Attributable to Alcoa Corporation Common Shareholders The share information used to compute basic and diluted EPS attributable to Alcoa Corporation common shareholders

was as follows (shares in millions): Â Â Â Second quarter ended June 30, Â Â Six months ended June 30, Â Â 2024 Â 2023 Â 2024 Â 2023 Â Net income (loss) attributable to Alcoa Corporation Â $ 20 Â $ (102) Â $ (232) Â $ (333) Average shares outstanding â€" basic Â 180 Â Â 178 Â 179 Â Â 178 Â Effect of dilutive securities: Â Â Â Â Â Â Â Â Â Â Â Â Â Stock options Â Â â€" Â Â â€" Â Â â€" Â Â â€" Â Stock units Â 1 Â Â â€" Â Â â€" Â Â â€" Â Average shares outstanding â€" diluted Â Â 181 Â Â 178 Â Â 179 Â Â 178 Â X - ReferencesNo definition available. + Details Name: us-gaap_EarningsPerShareAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionTabular disclosure of an entity's basic and diluted earnings per share calculations, including a reconciliation of numerators and denominators of the basic and diluted per-share computations for income from continuing operations. + ReferencesReference 1: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482660/260-10-50-1 + Details Name: us-gaap_ScheduleOfEarningsPerShareBasicAndDilutedTableTextBlock Namespace Prefix: us-gaap_ Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration XML 44 R32.htm IDEA: XBRL DOCUMENT v3.24.2.u1 Accumulated Other Comprehensive Loss (Tables) 6 Months Ended Jun. 30, 2024 Accumulated Other Comprehensive Income (Loss), Net of Tax [Abstract] Â Summary of Changes in Accumulated Other Comprehensive (Loss) Income by Component The following table details the activity of the three components that comprise Accumulated other comprehensive loss for both Alcoa Corporationâ€™s shareholders and Noncontrolling interest:Â Â Alcoa Corporation Â Â Noncontrolling interest Â Â Second quarter ended June 30, Â Â Second quarter ended June 30, Â Â 2023 Â 2024 Â 2023 Â Pension and other postretirement benefits (L) Â Â Â Â Â Â Â Â Â Balance at beginning of period Â $ 9 Â $ 66 Â $ (14) Â $ (5) Other comprehensive income (loss): Â Â Â Â Â Â Â Â Â Unrecognized net actuarial gain/loss andÂ Â prior service cost/benefit Â 10 Â Â (18) Â 7 Â Â (2) Tax (expense) benefit(2) Â (2) Â Â 8 Â Â (2) Â â€" Â Total Other comprehensive income (loss)Â Â before reclassifications, net of tax Â 8 Â Â (10) Â 5 Â Â (2) Amortization of net actuarial gain/loss andÂ Â prior service cost/benefit(1) Â 5 Â Â 26 Â Â â€" Â Â â€" Â Tax expense(2) Â Â â€" Â Â (6) Â Â â€" Â Â â€" Â Total amount reclassified from AccumulatedÂ other comprehensive loss, net of tax(7) Â 5 Â Â 20 Â Â â€" Â Â â€" Â Total Other comprehensive income (loss) Â 13 Â Â 10 Â Â 5 Â Â (2) Balance at end of period Â $ 22 Â $ 76 Â $ (9) Â $ (7) Â Â Â Â Â Â Â Â Â Foreign currency translation Â Â Â Â Â Â Â Â Â Balance at beginning of period Â $ (2,715) Â $ (2,683) Â $ (1,037) Â $ (1,025) Other comprehensive (loss) income Â Â (60) Â 25 Â Â (16) Â 11 Â Balance at end of period Â $ (2,775) Â $ (2,658) Â $ (1,053) Â $ (1,014) Â Â Â Â Â Â Â Â Â Cash flow hedges (M) Â Â Â Â Â Â Â Â Â Balance at beginning of period Â $ (922) Â $ (1,038) Â $ â€" Â $ 1 Â Other comprehensive (loss) income: Â Â Â Â Â Â Â Â Â Net change from periodic revaluations Â Â (153) Â 241 Â Â â€" Â Â â€" Â Tax benefit (expense)(2) Â 31 Â Â (38) Â Â â€" Â Â â€" Â Total Other comprehensive (loss) incomeÂ Â before reclassifications, net of tax Â Â (122) Â 203 Â Â â€" Â Â â€" Â Net amount reclassified to earnings: Â Â Â Â Â Â Â Â Â Aluminum contracts(3) Â Â 75 Â Â 33 Â Â â€" Â Â â€" Â Financial contracts(4) Â Â â€" Â Â â€" Â Â â€" Â Â â€" Â Interest rate contracts(5) Â Â (1) Â Â (3) Â Â (1) Â Â â€" Â Foreign exchange contracts(6) Â Â â€" Â Â (3) Â Â â€" Â Â â€" Â Sub-total Â Â 74 Â Â 27 Â Â (1) Â Â â€" Â Tax expense(2) Â Â (14) Â Â (4) Â Â â€" Â Â â€" Â Total amount reclassified from Accumulated Â other comprehensive loss, net of tax(7) Â Â 60 Â Â 23 Â Â (1) Â Â â€" Â Total Other comprehensive (loss) income Â Â (62) Â 226 Â Â (1) Â Â â€" Â Balance at end of period Â $ (984) Â $ (812) Â $ (1) Â $ 1 Â Â Â Â Â Â Â Â Â Total Accumulated other comprehensive loss Â $ (3,737) Â $ (3,394) Â $ (1,063) Â $ (1,020) Â Â Â Alcoa Corporation Â Â Noncontrolling interest Â Â Six months ended June 30, Â Â Six months ended June 30, Â Â 2024 Â 2023 Â 2024 Â 2023 Â Pension and other postretirement benefits (L) Â Â Â Â Â Â Â Â Â Balance at beginning of period Â $ â€" Â $ 62 Â $ (15) Â $ (5) Other comprehensive income (loss): Â Â Â Â Â Â Â Â Â Unrecognized net actuarial gain/loss andÂ Â prior service cost/benefit Â 14 Â Â (18) Â 7 Â Â (2) Tax (expense) benefit(2) Â Â (3) Â Â 8 Â Â (2) Â â€" Â Total Other comprehensive income (loss)Â Â before reclassifications, net of tax Â 11 Â Â (10) Â 5 Â Â (2) Amortization of net actuarial gain/loss andÂ Â prior service cost/benefit(1) Â 11 Â Â 30 Â Â 1 Â Â â€" Â Tax expense(2) Â Â â€" Â Â (6) Â Â â€" Â Â â€" Â Total amount reclassified from AccumulatedÂ Â other comprehensive loss, net of tax(7) Â 11 Â Â 24 Â Â 1 Â Â â€" Â Total Other comprehensive income (loss) Â 22 Â Â 14 Â Â 6 Â Â (2) Balance at end of period Â $ 22 Â $ 76 Â $ (9) Â $ (7) Â Â Â Â Â Â Â Â Â Foreign currency translation Â Â Â Â Â Â Â Â Â Balance at beginning of period Â $ (2,593) Â $ (2,685) Â $ (983) Â $ (1,040) Other comprehensive (loss) income Â Â (182) Â 27 Â Â (70) Â 26 Â Balance at end of period Â $ (2,775) Â $ (2,658) Â $ (1,053) Â $ (1,014) Â Â Cash flow hedges (M) Â Â Â Â Â Â Â Â Â Balance at beginning of period Â $ (1,052) Â $ (916) Â $ â€" Â $ 1 Â Other comprehensive (loss) income: Â Â Â Â Â Â Â Â Â Net change from periodic revaluations Â Â (36) Â 54 Â Â â€" Â Â â€" Â Total Other comprehensive (loss) incomeÂ Â before reclassifications, net of tax Â Â (36) Â 54 Â Â â€" Â Â â€" Â Net amount reclassified to earnings: Â Â Â Â Â Â Â Â Â Aluminum contracts(3) Â Â 132 Â Â 94 Â Â â€" Â Â â€" Â Financial contracts(4) Â Â â€" Â Â â€" Â Â (20) Â Â â€" Â Interest rate contracts(5) Â Â (1) Â Â (2) Â Â (1) Â Â â€" Â Foreign exchange contracts(6) Â Â (4) Â Â (8) Â Â â€" Â Â â€" Â Sub-total Â Â 127 Â Â 64 Â Â Â (1) Â Â â€" Â Tax expense(2) Â Â (23) Â Â (14) Â Â â€" Â Â â€" Â Total amount reclassified from Accumulated Â Â Â other comprehensive loss, net of tax(7) Â Â 104 Â Â 50 Â Â (1) Â Â â€" Â Total Other comprehensive income (loss) Â Â 68 Â Â 104 Â Â (1) Â Â â€" Â Balance at end of period Â $ (984) Â $ (812) Â $ (1) Â $ 1 Â Â Â Â Â Â Â Â Â Total Accumulated other comprehensive loss Â $ (3,737) Â $ (3,394) Â $ (1,063) Â $ (1,020) Â (1)These amounts were included in the computation of net periodic benefit cost for pension and other postretirement benefits (see Note L). (2)These amounts were reported in Provision for income taxes on the accompanying Statement of Consolidated Operations. (3)These amounts were reported in Sales on the accompanying Statement of Consolidated Operations. (4)These amounts were reported in Cost of goods sold on the accompanying Statement of Consolidated Operations. (5)These amounts were reported in Other (income) expenses, net on the accompanying Statement of Consolidated Operations. (6)For the second quarter and six-month period of 2024, these amounts were reported in Sales (both periods) on the accompanying Statement of Consolidated Operations. For the second quarter and six-month period of 2023, $4 was reported in Cost of goods sold (both periods) and $(7) and $(12) were reported in Sales, respectively, on the accompanying Statement of Consolidated Operations.(7)A positive amount indicates a corresponding charge to earnings and a negative amount indicates a corresponding benefit to earnings. X - ReferencesNo definition available. + Details Name: us-gaap_AccumulatedOtherComprehensiveIncomeLossNetOfTaxAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionTabular disclosure of the components of accumulated other comprehensive income (loss). + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 220 -SubTopic 10 -Section 45 -Paragraph 14A -Publisher FASB -URI https://asc.fasb.org/1943274/2147482790/220-10-45-14AReference 2: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 830 -SubTopic 30 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481674/830-30-50-1Reference 3: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 830 -SubTopic 30 -Name Accounting Standards Codification -Section 45 -Paragraph 20 -Publisher FASB https://asc.fasb.org/1943274/2147481674/830-30-45-20 + Details Name: us-gaap_ScheduleOfAccumulatedOtherComprehensiveIncomeLossTableTextBlock Namespace Prefix: us-gaap_ Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration XML 45 R33.htm IDEA: XBRL DOCUMENT v3.24.2.u1 Investments (Tables) 6 Months Ended Jun. 30, 2024 Equity Method Investments and Joint Ventures [Abstract] Â Summary of Unaudited Financial Information for Alcoa Corporation's Equity Investments A summary of unaudited financial information for Alcoa Corporationâ€™s equity investments is as follows (amounts represent 100% of investee financial information):Â Second quarter ended June 30, 2024 Â Saudi ArabiaJoint Venture Â Mining Â Energy Â Other Â Sales Â $ 804 Â $ 158 Â $ 59 Â $ 114 Â Cost of goods sold Â 613 Â Â 104 Â Â 25 Â Â 104 Â Net income (loss) Â 102 Â Â 14 Â Â 29 Â Â (20) Equity in net income (loss) of affiliated companies, Â Â Â before reconciling adjustments Â Â 26 Â Â 6 Â Â 11 Â Â (9) Other Â Â (4) Â Â â€" Â Â â€" Â Â 12 Â Alcoa Corporationâ€™s equity in net income of Â Â affiliated companies Â Â 22 Â Â 6 Â Â 11 Â Â 3 Â Â Â Â Â Â Â Â Second quarter ended June 30, 2023 Â Â Â Â Â Â Â Â Sales Â $ 700 Â $ 172 Â $ 59 Â $ 116 Â Cost of goods sold Â 4 Â 620 Â Â 101 Â Â 32 Â Â 106 Â Net (loss) income Â Â (99) Â 14 Â Â 22 Â Â (33) Equity in net (loss) income of affiliated companies,Â before reconciling adjustments Â Â (25) Â 6 Â Â 9 Â Â (15) Other Â Â (3) Â Â 1 Â Â 1 Â Â 7 Â Alcoa Corporationâ€™s equity in net (loss) income of Â Â affiliated companies Â Â (28) Â 7 Â Â 10 Â Â (8) Â Â Â Â Â Â Â Â Six months ended June 30, 2024 Â Â Â Â Â Â Â Â Sales Â $ 1,515 Â $ 273 Â $ 122 Â $ 229 Â Cost of goods sold Â 1,212 Â Â 207 Â Â 50 Â Â 209 Â Net income (loss) Â 94 Â Â 9 Â Â 60 Â Â (3) Equity in net income (loss) of affiliated companies, Â Â Â before reconciling adjustments Â Â 24 Â Â 4 Â Â 23 Â Â (17) Other Â Â (12) Â Â â€" Â Â (1) Â Â 7 Â Alcoa Corporationâ€™s equity in net income (loss) of Â Â affiliated companies Â Â 12 Â Â 4 Â Â 22 Â Â (10) Â Â Â Â Â Â Â Â Six months ended June 30, 2023 Â Â Â Â Â Â Â Â Sales Â $ 1,300 Â $ 359 Â $ 117 Â $ 237 Â Cost of goods sold Â 1,302 Â Â 204 Â Â 59 Â Â 219 Â Net (loss) income Â Â (351) Â 38 Â Â 46 Â Â (49) Equity in net (loss) income of affiliated companies, Â Â Â before reconciling adjustments Â Â (88) Â 17 Â Â 18 Â Â (23) Other Â Â (15) Â Â 1 Â Â 1 Â Â â€" Â Alcoa Corporationâ€™s equity in net (loss) income of Â Â affiliated companies Â Â (103) Â 18 Â Â 19 Â Â (23) Â X - ReferencesNo definition available. + Details Name: us-gaap_EquityMethodInvestmentsAndJointVenturesAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionTabular disclosure of equity method investments including, but not limited to, name of each investee or group of investments, percentage ownership, difference between recorded amount of an investment and the value of the underlying equity in the net assets, and summarized financial information. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 323 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481687/323-10-50-3 + Details Name: us-gaap_EquityMethodInvestmentsTextBlock Namespace Prefix: us-gaap_ Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration XML 46 R34.htm IDEA: XBRL DOCUMENT v3.24.2.u1 Inventories (Tables) 6 Months Ended Jun. 30, 2024 Inventory Disclosure [Abstract] Â Schedule of Inventory Components Â June 30, 2024 Â Â December 31, 2023 Â Finished goods Â $ 320 Â $ 355 Â Work-in-process Â Â 268 Â Â 287 Â Bauxite and alumina Â Â 530 Â Â 586 Â Purchased raw materials Â Â 612 Â Â 700 Â Operating supplies Â Â 245 Â Â 230 Â Â $ 1,975 Â $ 2,158 Â X - ReferencesNo definition available. + Details Name: us-gaap_InventoryDisclosureAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionTabular disclosure of the carrying amount as of the balance sheet date of merchandise, goods, commodities, or supplies held for future sale or to be used in manufacturing, servicing or production process. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(6)(a)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 2: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(6)(b)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 3: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(6)(c)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 4: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 210 -SubTopic 10 -Section 50 -Paragraph 1 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483489/210-10-50-1 + Details Name: us-gaap_ScheduleOfInventoryCurrentTableTextBlock Namespace Prefix: us-gaap_ Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration XML 47 R35.htm IDEA: XBRL DOCUMENT v3.24.2.u1 Pension and Other Postretirement Benefits (Tables) 6 Months Ended Jun. 30, 2024 Retirement Benefits [Abstract] Â Components of Net Periodic Benefit Cost The components of net periodic benefit cost were as follows: Â Â Second quarter endedJune 30, Â Â Six months endedJune 30, Â Â Pension benefits Â 2024 Â 2023 Â 2024 Â 2023 Â Service cost Â $ 3 Â $ 3 Â $ 5 Â $ 5 Â Interest cost(1) Â 27 Â Â 29 Â Â 54 Â Â 60 Â Expected return on plan assets(1) Â Â (35) Â Â (37) Â Â (70) Â Â (76) Recognized net actuarial loss(1) Â Â 8 Â Â 7 Â Â 16 Â Â 14 Â Curtailments(2) Â Â â€" Â Â â€" Â Â 1 Â Â â€" Â Settlements(2) Â Â (1) Â 21 Â Â (1) Â 21 Â Net periodic benefit cost Â $ 2 Â $ 23 Â $ 5 Â $ 24 Â Â Â Second quarter endedJune 30, Â Â Six months endedJune 30, Â Other postretirement benefits Â 2024 Â 2023 Â Service cost Â $ â€" Â $ 1 Â $ 1 Â $ 2 Â Interest cost(1) Â 6 Â Â 7 Â Â 12 Â Â 13 Â Recognized net actuarial loss(1) Â Â 2 Â Â 1 Â Â 3 Â Â 2 Â Amortization of prior service benefit(1) Â Â (4) Â Â (4) Â Â (7) Â Â (7) Net periodic benefit cost Â $ 4 Â Â $ 5 Â Â $ 9 Â Â $ 10 Â (1)These amounts were reported in Other (income) expenses, net on the accompanying Statement of Consolidated Operations (see Note P).(2)These amounts were reported in Restructuring and other charges, net on the accompanying Statement of Consolidated Operations and Cash Flows. Summary of Information in Curtailment or Settlement of Benefits Requiring Remeasurement, Update to Discount Rates Used to Determine Benefit Obligations of Affected Plans Action # Â Number ofaffectedplanparticipants Â Weightedaveragediscount rate as of prior plan remeasurement date Â Planremeasurementdate Â Weightedaveragediscount rateas of planremeasurementdate Â Increase (decrease) toother noncurrent assets Â Â Curtailmentloss(1) Â Â Settlement gain(2) Â 1 Â ~110 Â N/A Â N/A Â N/A Â $ (1) Â $ 1 Â $ â€" Â 2 Â ~10 Â 4.81% Â June 30, 2024 Â 5.23% Â Â 19 Â Â Â (4) Â Â â€" Â 3 Â ~120 Â Â Â Â Â Â Â $ 18 Â $ 1 Â $ (1) (1)This amount represents the net actuarial loss arising from the curtailment and was recognized immediately in Restructuring and other charges, net on the accompanying Statement of Consolidated Operations. (2)This amount represents the net actuarial gain and was reclassified from Accumulated other comprehensive loss to Restructuring and other charges, net on the accompanying Statement of Consolidated Operations. X - DefinitionSchedule of effects of benefit obligation remeasurement in curtailment and discount rates. + ReferencesNo definition available. + Details Name: aa_ScheduleOfEffectsOfBenefitObligationRemeasurementInCurtailmentAndDiscountRatesTableTextBlock Namespace Prefix: aa_ Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration X - ReferencesNo definition available. + Details Name: us-gaap_CompensationAndRetirementDisclosureAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionTabular disclosure of the components of net benefit costs for pension plans and/or other employee benefit plans including service cost, interest cost, expected return on plan assets, gain (loss), prior service cost or credit, transition asset or obligation, and gain (loss) recognized due to settlements or curtailments. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 715 -SubTopic 20 -Subparagraph (h) -Name Accounting Standards Codification -Paragraph 1 -Section 50 -Publisher FASB -URI https://asc.fasb.org/1943274/2147480506/715-20-50-1 + Details Name: us-gaap_ScheduleOfNetBenefitCostsTableTextBlock Namespace Prefix: us-gaap_ Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration XML 48 R36.htm IDEA: XBRL DOCUMENT v3.24.2.u1 Derivatives and Other Financial Instruments (Tables) 6 Months Ended Jun. 30, 2024 Fair Value Disclosures [Abstract] Â Schedule of Detail for Level 1 and 3 Derivatives The following tables present the detail for Level 1 and 3 derivatives (see additional Level 3 information in further tables below):Â Â Â June 30, 2024 Â Â December 31, 2023 Â Â Assets Â Liabilities Â Â Assets Â Â Liabilities Â Level 1 derivative instruments Â $ 4 Â $ 11 Â $ 16 Â $ 9 Â Level 3 derivative instruments Â Â 34 Â Â 1,191 Â Â 16 Â Â 1,297 Â Total Â $ 38 Â $ 1,202 Â $ 32 Â $ 1,306 Â Less: Current Â Â 38 Â Â 251 Â Â 29 Â Â 214 Â Noncurrent Â $ â€" Â $ 951 Â $ 3 Â $ 1,092 Â Â 2024 Â 2023 Â Second quarter ended June 30, Â Unrealized loss recognized in Other comprehensive loss Â Â Realized gain (loss) reclassed from Other comprehensive loss to earnings Â Â Unrealized gain recognized in Other comprehensive loss Â Â Realized gain (loss) reclassed from Other comprehensive loss to earnings Â Level 1 derivative instruments Â $ (7) Â $ â€" Â $ 42 Â Â $ 28 Â Level 3 derivative instruments Â Â (146) Â Â (75) Â 197 Â Â (58) Noncontrolling and equity interest (Level 2) Â Â â€" Â Â 1 Â Â 2 Â Â 3 Â Total Â $ (153) Â $ (74) Â $ 241 Â Â $ (27) For the second quarter of 2024, the realized gains and losses on Level 1 cash flow hedges were immaterial. For the second quarter of 2023, the realized gain of $28 on Level 1 cash flow hedges was comprised of a $32 gain recognized in Sales and a $4 loss recognized in Cost of goods sold. Â Â 2024 Â 2023 Â Six months ended June 30, Â Unrealized loss recognized in Other comprehensive loss Â Â Realized gain (loss) reclassed from Other comprehensive loss to earnings Â Â Unrealized gain recognized in Other comprehensive loss Â Â Realized gain (loss) reclassed from Other comprehensive loss to earnings Â Level 1 derivative instruments Â $ (10) Â $ 4 Â $ 31 Â $ 44 Â Level 3 derivative instruments Â Â (26) Â Â (132) Â Â 23 Â Â (110) Noncontrolling and equity interest (Level 2) Â Â â€" Â Â 1 Â Â â€" Â Â 2 Â Total Â $ (36) Â $ (127) Â $ 54 Â $ (64) Schedule of Outstanding Quantities of Derivative Instruments The following table presents the outstanding quantities of derivative instruments classified as Level 1:Â Â Classification Â June 30, 2024 Â Â June 30, 2023 Â Aluminum (in kmt)

Commodity buy forwards Â Â 133 Â Â 187 Â Aluminum (in kmt) Commodity sell forwards Â Â 80 Â Â 206 Â Foreign currency (in millions of euro) Foreign exchange buy forwards Â Â 61 Â Â 86 Â Foreign currency (in millions of euro) Foreign exchange sell forwards Â Â 16 Â Â 18 Â Foreign currency (in millions of Norwegian krone) Foreign exchange buy forwards Â Â 85 Â Â 232 Â Foreign currency (in millions of Brazilian real) Foreign exchange buy forwards Â Â 351 Â Â 1,010 Â Foreign currency (in millions of Canadian dollar) Foreign exchange buy forwards Â Â 22 Â Â â€" Â Schedule of Quantitative Information for Level 3 Derivative Contracts The following table presents quantitative information related to the significant unobservable inputs described above for Level 3 derivative instruments (megawatt hours in MWh):Â Â Â June 30, 2024 Â Unobservable Input Â Unobservable Input Range Asset Derivatives Â Â Â Â Â Â Â Financial contract (undesignated) Â $ 34 Â Â Interrelationship of forward energy price, LME forward price, and the Consumer Price Index Â Electricity(per MWh) 2024: $93.522024: $40.54 Â Â Â Â Â LME (per mt) 2024: $2,491 Â Â Â Â 2024: $2,562 Total Asset Derivatives Â $ 34 Â Â Â Â Â Â Liability Derivatives Â Â Â Â Â Â Â Power contract Â $ 180 Â Â MWh of energy needed to produce the forecasted mt of aluminum Â LME (per mt) 2024: $2,4912027: $2,742 Â Â Â Â Â Electricity Rate of 4Â million MWh per year Power contracts Â Â 1,008 Â Â MWh of energy needed to produce the forecasted mt of aluminum Â LME (per mt) 2024: $2,4912029: $2,7342036: $2,934 Â Â Â Â Â Midwest premium(per pound) 2024: $0.19992029: $0.23652036: $0.2365 Â Â Â Â Â Electricity Rate of 18Â million MWh per year Power contract Â 2 Â MWh of energy needed to produce the forecasted mt of aluminum Â LME (per mt) 2024: $2,4912024: $2,524 Â Â Â Â Â Midwest premium (per pound) 2024: $0.19992024: $0.2240 Â Â Â Â Â Electricity Rate of 2Â million MWh per year Power contract (undesignated) Â Â 1 Â Â Estimated spread between the 30-year debt yield of Alcoa and the counterparty Â Credit spread 1.71%: 30-year debt yield spread6.98%: Alcoa (estimated)5.27%: counterparty Total Liability Derivatives Â $ 1,191 Â Â Â Â Â Schedule of Fair Values of Level 3 Derivative Instruments Recorded as Assets and Liabilities The fair values of Level 3 derivative instruments recorded in the accompanying Consolidated Balance Sheet were as follows:Â Asset Derivatives Â June 30, 2024 Â Â December 31, 2023 Â Derivatives not designated as hedging instruments: Â Â Â Â Â Currentâ€"financial contract Â $ 34 Â Â $ 16 Â Total derivatives not designated as hedging instruments Â $ 34 Â Â $ 16 Â Total Asset Derivatives Â $ 34 Â Â $ 16 Â Liability Derivatives Â Â Â Â Â Derivatives designated as hedging instruments: Â Â Â Â Â Currentâ€"power contracts Â $ 245 Â Â $ 210 Â Noncurrentâ€"power contracts Â Â 945 Â Â 1,087 Â Total derivatives designated as hedging instruments Â $ 1,190 Â Â $ 1,297 Â Derivatives not designated as hedging instruments: Â Â Â Â Â Noncurrentâ€"embedded credit derivative Â Â 1 Â Â Â â€" Â Total derivatives not designated as hedging instruments Â $ 1 Â Â $ â€" Â Total Liability Derivatives Â $ 1,191 Â Â $ 1,297 Â Schedule of Reconciliation of Activity for Derivative Contracts The following tables present the reconciliation of activity for Level 3 derivative instruments: Â Â Assets Â Second quarter ended June 30, 2024 Financial contracts Â April 1, 2024 Â $ 12 Â Total gains or losses included in: Â Â Â Other income, net (unrealized/realized) Â Â 55 Â Settlements and other Â Â (33) June 30, 2024 Â $ 34 Â Change in unrealized gains or losses included in earningsÂ Â Â for derivative instruments held at June 30, 2024: Â Â Â Other income, net Â $ 55 Â Â Â Â Liabilities Â Second quarter ended June 30, 2024 Power contracts Â Embeddedcreditderivative Â April 1, 2024 Â $ 1,120 Â $ â€" Â Total gains or losses included in: Â Â Â Â Sales (realized) Â Â (76) Â â€" Â Other expenses, net (unrealized/realized) Â Â â€" Â Â 1 Â Other comprehensive income (unrealized) Â Â 146 Â â€" Â June 30, 2024 Â $ 1,190 Â $ 1 Â Change in unrealized gains or losses included in earningsÂ Â Â for derivative instruments held at June 30, 2024: Â Â Â Â Â Other expenses, net Â $ â€" Â $ 1 Â Â Â Â Assets Â Six months ended June 30, 2024 Financial contracts Â January 1, 2024 Â $ 16 Â Total gains or losses included in: Â Â Â Other income, net (unrealized/realized) Â Â 50 Â Settlements and other Â Â (32) June 30, 2024 Â $ 34 Â Change in unrealized gains or losses included in earningsÂ Â Â for derivative instruments held at June 30, 2024: Â Â Â Other income, net Â $ 50 Â Â Â Â Liabilities Â Six months ended June 30, 2024 Power contracts Â Embeddedcreditderivative Â January 1, 2024 Â $ 1,297 Â $ â€" Â Total gains or losses included in: Â Â Â Sales (realized) Â Â (133) Â â€" Â Other expenses, net (unrealized/realized) Â Â â€" Â Â 1 Â Other comprehensive income (unrealized) Â Â 26 Â â€" Â June 30, 2024 Â $ 1,190 Â $ 1 Â Change in unrealized gains or losses included in earningsÂ Â Â for derivative instruments held at June 30, 2024: Â Â Â Â Â Other expenses, net Â $ â€" Â $ 1 Â Schedule of Carrying Values and Fair Values of Other Financial Instruments The carrying values and fair values of Alcoa Corporationâ€™s other financial instruments were as follows: Â Â June 30, 2024 Â December 31, 2023 Â Â Â Carrying value Â Fair value Â Carrying value Â Fair value Â Cash and cash equivalents Â $ 1,396 Â $ 1,396 Â Â $ 944 Â $ 944 Â Restricted cash Â Â 97 Â Â 97 Â Â 103 Â Â 103 Â Short-term borrowings Â Â 31 Â Â 31 Â Â 56 Â Â 56 Â Long-term debt due within one year Â Â 79 Â Â 79 Â Â 79 Â Â 79 Â Long-term debt, less amount due within one year Â Â 2,469 Â Â 2,477 Â Â 1,732 Â Â 1,702 Â X - DefinitionTabular disclosure of the fair value measurement of assets and liabilities using significant unobservable inputs (Level 3), a reconciliation of the beginning and ending balances, separately presenting changes attributable to the following: (1) total gains or losses for the period (realized and unrealized), segregating those gains or losses included in earnings (or changes in net assets), and gains or losses recognized in other comprehensive income (loss) and a description of where those gains or losses included in earnings (or changes in net assets) are reported in the statement of income (or activities); (2) purchases, sales, issues, and settlements (each type disclosed separately); and (3) transfers in and transfers out of Level 3 (for example, transfers due to changes in the observability of significant inputs) by class of asset and liability. + ReferencesNo definition available. + Details Name: aa_FairValueAssetsLiabilitiesMeasuredOnRecurringBasisUnobservableInputReconciliationTextBlock Namespace Prefix: aa_ Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration X - DefinitionTabular disclosure of quantitative information about the inputs used in the fair value measurement of assets and liabilities. This disclosure may include, but is not limited to, the fair value of the asset or liability, valuation technique used to measure fair value, the inputs used to measure fair value, the ranges of the inputs, and the weighted averages of the inputs. + ReferencesNo definition available. + Details Name: aa_FairValueInputsAssetsLiabilitiesQuantitativeInformationTableTextBlock Namespace Prefix: aa_ Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration X - DefinitionSchedule of outstanding quantities of derivative instruments. + ReferencesNo definition available. + Details Name: aa_ScheduleOfOutstandingQuantitiesOfDerivativeInstrumentsTableTextBlock Namespace Prefix: aa_ Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration X - DefinitionTabular disclosure of financial instrument measured at fair value on recurring or nonrecurring basis. Includes, but is not limited to, instrument classified in shareholders' equity. + ReferencesReference 1: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482106/820-10-50-2Reference 2: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482106/820-10-50-2Reference 3: http://www.xbrl.org/2003/role/exampleRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 100 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482078/820-10-55-100Reference 4: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482106/820-10-50-3 + Details Name: us-gaap_FairValueAssetsAndLiabilitiesMeasuredOnRecurringAndNonrecurringBasisTableTextBlock Namespace Prefix: us-gaap_ Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration X - DefinitionTabular disclosure of the fair value of financial instruments, including financial assets and financial liabilities, and the measurements of those instruments, assets, and liabilities. + ReferencesReference 1: http://fasb.us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 825 -SubTopic 10 -Section 50 -Paragraph 11 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482907/825-10-50-11 + Details Name: us-gaap_FairValueByBalanceSheetGroupingTextBlock Namespace Prefix: us-gaap_ Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration X - ReferencesNo definition available. + Details Name: us-gaap_FairValueDisclosuresAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionTabular disclosure of the location and fair value amounts of derivative instruments (and nonderivative instruments that are designated and qualify as hedging instruments) reported in the statement of financial position. + ReferencesReference 1: http://fasb.us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 815 -SubTopic 10 -Section 50 -Paragraph 4B -Publisher FASB -URI https://asc.fasb.org/1943274/2147480434/815-10-50-4B + Details Name: us-gaap_ScheduleOfDerivativeInstrumentsInStatementOfFinancialPositionFairValueTextBlock Namespace Prefix: us-gaap_ Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration XML 49 R37.htm IDEA: XBRL DOCUMENT v3.24.2.u1 Income Taxes (Tables) 6 Months Ended Jun. 30, 2024 Income Tax Disclosure [Abstract] Â Schedule of Income Taxes Â Â Six months ended June 30, Â 2024 Â Â 2023 Â Loss before income taxes Â $ (233) Â $ (279) Â Estimated annualized effective tax rate Â Â 105.1 Â % Â Â (29.3) % Income tax (benefit) expense Â $ (245) Â Â $ 82 Â Â Unfavorable (favorable) tax impact related to losses in jurisdictions with no tax benefit Â Â 288 Â Â Â (11) Â Discrete tax expense Â Â â€" Â Â Â 3 Â Â 3 Â Provision for income taxes Â $ 43 Â Â $ 74 Â Â X - ReferencesNo definition available. + Details Name: us-gaap_IncomeTaxDisclosureAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionTabular disclosure of the components of income tax expense attributable to continuing operations for each year presented including, but not limited to: current tax expense (benefit), deferred tax expense (benefit), investment tax credits, government grants, the benefits of operating loss carryforwards, tax expense that results from allocating certain tax benefits either directly to contributed capital or to reduce goodwill or other noncurrent intangible assets of an acquired entity, adjustments of a deferred tax liability or asset for enacted changes in tax laws or rates or a change in the tax status of the entity, and adjustments of the beginning-of-the-year balances of a valuation allowance because of a change in circumstances that causes a change in judgment about the realizability of the related deferred tax asset in future years. + ReferencesReference 1: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 740 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 9 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482685/740-10-50-9 + Details Name: us-gaap_ScheduleOfComponentsOfIncomeTaxExpenseBenefitTableTextBlock Namespace Prefix: us-gaap_ Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration XML 50 R38.htm IDEA: XBRL DOCUMENT v3.24.2.u1 Contingencies (Tables) 6 Months Ended Jun. 30, 2024 Commitments and Contingencies Disclosure [Abstract] Â Schedule of Changes in Carrying Value of Recorded Environmental Remediation Reserves The following table details the changes in the carrying value of recorded environmental remediation reserves: Balance at DecemberÂ 31, 2022 Â $ 284 Â Liabilities incurred Â Â 39 Â Cash payments Â Â (55) Reversals of previously recorded liabilities Â Â (1) Foreign currency translation and other Â Â 1 Â Balance at December 31, 2023 Â Â 268 Â Liabilities incurred Â Â 1 Â Cash payments Â Â (16) Foreign currency translation and other Â Â (1) Balance at June 30, 2024 Â Â 252 Â Schedule of Estimate Timing of Cash Outflows on Environmental Reserves The estimated timing of cash outflows from the environmental remediation reserve at June 30, 2024 was as follows: 2024 (excluding the six months ended June 30, 2024) Â $ 48 Â 2025 â€" 2029 Â 119 Â Thereafter Â 85 Â Total Â $ 252 Â X - DefinitionTabular disclosure of changes in carrying value of recorded environmental remediation reserves. + ReferencesNo definition available. + Details Name: aa_ScheduleOfChangesInCarryingValueOfRecordedEnvironmentalRemediationReservesTableTextBlock Namespace Prefix: aa_ Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration X - DefinitionTabular disclosure of estimate timing of cash outflows on environmental reserves. + ReferencesNo definition available. + Details Name: aa_ScheduleOfEstimateTimingOfCashOutflowsOnEnvironmentalReservesTableTextBlock Namespace Prefix: aa_ Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration X - ReferencesNo definition available. + Details Name: us-gaap_CommitmentsAndContingenciesDisclosureAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration XML 51 R39.htm IDEA: XBRL DOCUMENT v3.24.2.u1 Other Financial Information (Tables) 6 Months Ended Jun. 30, 2024 Other Financial Information [Abstract] Â Schedule of Other (Income) Expenses, Net Other (Income) Expenses, Net Â Second quarter ended June 30, Â Â Six months ended June 30, Â Â 2024 Â Â 2023 Â Â 2024 Â Â 2023 Â Equity (gain) loss Â $ (22) Â $ 44 Â Â $ 5 Â Â $ 139 Â Foreign currency losses (gains), net Â Â 57 Â Â Â (39) Â Â 81 Â Â (55) Net loss from asset sales Â Â 6 Â Â Â 1 Â Â Â 17 Â Â Â 15 Â Net (gain) loss on mark-to-market derivative instruments Â Â (54) Â Â 9 Â Â Â (49) Â Â (17) Non-service costs â€" pension and other postretirement benefits Â Â 4 Â Â Â 3 Â Â Â 8 Â Â Â 6 Â Other, net Â Â (13) Â Â (12) Â Â (25) Â Â (28) Â $ (22) Â $ 6 Â Â $ 37 Â Â $ 60 Â Schedule of Other Noncurrent Assets Other Noncurrent Assets Â June 30, 2024 Â Â December 31, 2023 Â Prepaid gas transmission contract Â $ 296 Â Â $ 297 Â Value added tax credits Â Â 287 Â Â 336 Â Gas supply prepayment Â Â 261 Â Â 283 Â Deferred mining costs, net Â Â 186 Â Â Â 187 Â Prepaid pension benefit Â Â 153 Â Â 125 Â Goodwill Â Â 144 Â Â 146 Â Noncurrent prepaid tax asset Â Â 72 Â Â 73 Â Noncurrent restricted cash Â Â 53 Â Â 71 Â Intangibles, net Â Â 35 Â Â 37 Â Other Â Â 114 Â Â 95 Â $ 1,601 Â Â $ 1,650 Â Schedule of Cash and Cash Equivalents and Restricted Cash Cash and Cash Equivalents and Restricted Cash Â Â June 30, 2024 Â Â December 31, 2023 Â Cash and cash equivalents Â $ 1,396 Â $ 944 Â Current restricted cash Â Â 44 Â Â 32 Â Noncurrent restricted cash Â Â 53 Â Â 71 Â Â $ 1,493 Â Â $ 1,047 Â X - DefinitionOther financial information. + ReferencesNo definition available. + Details Name: aa_OtherFinancialInformationAbstract Namespace Prefix: aa_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionSchedule of cash and cash equivalents and restricted cash table. + ReferencesNo definition available. + Details Name: aa_ScheduleOfCashAndCashEquivalentsAndRestrictedCashTableTextBlock Namespace Prefix: aa_ Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration X - DefinitionTabular disclosure of noncurrent assets. + ReferencesReference 1: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(17)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1 + Details Name: us-gaap_ScheduleOfOtherAssetsNoncurrentTextBlock Namespace Prefix: us-gaap_ Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration X - DefinitionTabular disclosure of the components of non-operating income or non-operating expense that may include amounts earned from dividends, interest on securities, gains (losses) on securities sold, equity earnings of unconsolidated affiliates, net gain (loss) on sales of business, interest expense and other miscellaneous income or expense items. + ReferencesNo definition available. + Details Name: us-gaap_ScheduleOfOtherNonoperatingIncomeExpenseTableTextBlock Namespace Prefix: us-gaap_ Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration XML 52 R40.htm IDEA: XBRL DOCUMENT v3.24.2.u1 Basis of Presentation - Additional Information (Detail) 6 Months Ended Jun. 30, 2024 Aluminum Segment [Member] Â Basis Of Presentation [Line Items] Â Ownership interest in joint venture 55.00% AWAC [Member] | Alumina Limited [Member] Â Basis Of Presentation [Line Items] Â Non-controlling interest, ownership percentage 40.00% AWAC [Member] | Alcoa Corporation [Member] Â Basis Of Presentation [Line Items] Â Ownership interest percentage 60.00% X - DefinitionBasis of Presentation [Line Items] + ReferencesNo definition available. + Details Name: aa_BasisOfPresentationLineItems Namespace Prefix: aa_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionOwnership interest in joint venture. + ReferencesNo definition available. + Details Name: aa_OwnershipInterestInJointVenture Namespace Prefix: aa_ Data Type: dtr-types:percentItemType Balance Type: na Period Type: duration X - DefinitionThe equity interest of noncontrolling shareholders, partners or other equity holders in consolidated entity. + ReferencesNo definition available. + Details Name: us-gaap_MinorityInterestOwnershipPercentageByNoncontrollingOwners Namespace Prefix: us-gaap_ Data Type: dtr-types:percentItemType Balance Type: na Period Type: instant X - DefinitionThe parent entity's interest in net assets of the subsidiary, expressed as a percentage. + ReferencesNo definition available. + Details Name: us-gaap_MinorityInterestOwnershipPercentageByParent Namespace Prefix: us-gaap_ Data Type: dtr-types:percentItemType Balance Type: na Period Type: instant X - Details Name: us-gaap_StatementBusinessSegmentsAxis=aa_AluminumProductsSegmentMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: srt_OwnershipAxis=aa_AlcoaWorldAluminaAndChemicalsMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: srt_ScheduleOfEquityMethodInvestmentEquityMethodInvesteeNameAxis=aa_AluminaLimitedMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: dei_LegalEntityAxis=aa_AlcoaCorporationMember Namespace Prefix: Data Type: na Balance Type: Period Type: XML 53 R41.htm IDEA: XBRL DOCUMENT v3.24.2.u1 Acquisitions and Divestitures - Additional Information (Detail) $ in Millions 3 Months Ended 6 Months Ended Aug. 01, 2024 USD ($) shares Jun. 30, 2024 USD ($) Jun. 30, 2023 USD ($) Jun. 30, 2024 USD ($) Jun. 30, 2023 USD ($) Jul. 26, 2024 $ / shares Warrick Rolling Mill [Member] | Disposal Group, Held-for-Sale, Not Discontinued Operations [Member] Â Â Â Â Business Disposition [Line Items] Â Â Â Â Â Â Estimated liabilities for future site separation commitment charge | $ Â $ 4 Â $ 15 $ 17 Â Payments against the reserve | $ Â 5 $ 11 12 $ 25 Â Remaining reserve | $ Â $ 14 Â $ 14 Â Â Alumina Limited [Member] | Subsequent Event [Member] Â Â Â Â Â Business Disposition [Line Items] Â Â Â Â Â Â Agreed ratio value per share | $ / shares Â Â Â $ 1.45 Aggregate purchase consideration | $ $ 2,800 Â Â Â Â Â AWAC [Member] | Alumina Limited [Member] | Subsequent Event [Member] Â Â Â Â Â Business Disposition [Line Items] Â Â Â Â Â Â Non-controlling interest, ownership percentage 40.00% Â Â Â Â AWAC [Member] | Alcoa Corporation [Member] Â Â Â Â Â Business Disposition [Line Items] Â

Â Â Â Â Â Ownership interest percentage Â 60.00% Â 60.00% Â Â Scheme Implementation Deed [Member] | Alumina Limited [Member] | Subsequent Event [Member] Â Â Â Â Â Business Disposition [Line Items] Â Â Â Â Â Business acquisition, shares outstanding | shares 2,760,056,014 Â Â Â Â Business acquion, number of shares | shares 4 Â Â Â Â Debt position exceeds | $ $ 420 Â Â Â Â Assumption of indebtedness | $ 385 Â Â Â Â Deferred tax assets | $ $ 100 Â Â Â Â Scheme Implementation Deed [Member] | New Alcoa Preferred Stock [Member] | Alumina Limited [Member] | Subsequent Event [Member] Â Â Â Â Â Business Disposition [Line Items] Â Â Â Â Â Business acquisition, shares outstanding | shares 141,625,403 Â Â Â Â Business acquisition, shares exchanged | shares 4,041,989 Â Â Â Â Scheme Implementation Deed [Member] | New Alcoa Preferred Stock [Member] | Alumina Limited [Member] | Subsequent Event [Member] Â Â Â Â Â Business Disposition [Line Items] Â Â Â Â Â Business acquisition, shares issued | shares 0.02854 Â Â Â Â Scheme Implementation Deed [Member] | Alcoa Common Stock [Member] | Alumina Limited [Member] | Subsequent Event [Member] Â Â Â Â Â Business Disposition [Line Items] Â Â Â Â Business acquisition, shares issued | shares 0.02854 Â Â Business acquisition, shares exchanged | shares 78,772,422 Â Â Â Â Scheme Implementation Deed [Member] | Prepaid Expenses and Other Current Assets [Member] | Alumina Limited [Member] | Subsequent Event [Member] Â Â Â Â Â Business Disposition [Line Items] Â Â Â Â Â Recognized transaction costs | $ $ 9 Â Â Â Â Scheme Implementation Deed [Member] | AWAC [Member] | Alumina Limited [Member] | Subsequent Event [Member] | Maximum [Member] Â Â Â Â Â Business Disposition [Line Items] Â Â Â Â Â Ownership interest percentage 100.00% Â Â Â Â Scheme Implementation Deed [Member] | AWAC [Member] | Alumina Limited [Member] | Subsequent Event [Member] | Minimum [Member] Â Â Â Â Â Business Disposition [Line Items] Â Â Â Â Â Ownership interest percentage 60.00% Â Â Â Â Scheme Implementation Deed [Member] | CHESS Depositary Interests [Member] | Alumina Limited [Member] | Subsequent Event [Member] Â Â Â Â Â Business Disposition [Line Items] Â Â Â Â Business acquisition, shares issued | shares 0.02854 Â Â Â Â X - DefinitionAssumption of indebtedness. + ReferencesNo definition available. + Details Name: aa_AssumptionOfIndebtedness Namespace Prefix: aa_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionBusiness acquisition debt position exceeds. + ReferencesNo definition available. + Details Name: aa_BusinessAcquisitionDebtPositionExceeds Namespace Prefix: aa_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionBusiness acquisition number of shares + ReferencesNo definition available. + Details Name: aa_BusinessAcquisitionNumberOfShares Namespace Prefix: aa_ Data Type: xbrli:sharesItemType Balance Type: na Period Type: duration X - DefinitionBusiness Acquisition, shares outstanding. + ReferencesNo definition available. + Details Name: aa_BusinessAcquisitionSharesOutstanding Namespace Prefix: aa_ Data Type: xbrli:sharesItemType Balance Type: na Period Type: instant X - DefinitionBusiness acquisition shares outstanding exchanged. + ReferencesNo definition available. + Details Name: aa_BusinessAcquisitionSharesOutstandingExchanged Namespace Prefix: aa_ Data Type: xbrli:sharesItemType Balance Type: na Period Type: instant X - DefinitionBusiness disposition. + ReferencesNo definition available. + Details Name: aa_BusinessDispositionLineItems Namespace Prefix: aa_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionEstimated liabilities for future site separation commitment charge. + ReferencesNo definition available. + Details Name: aa_EstimatedLiabilitiesForFutureSiteSeparationCommitmentCharge Namespace Prefix: aa_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionLiabilities recorded from disposal group including discontinued operation. + ReferencesNo definition available. + Details Name: aa_LiabilitiesRecordedFromDisposalGroupIncludingDiscontinuedOperation Namespace Prefix: aa_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionPayments for financial contributions for divestiture of businesses. + ReferencesNo definition available. + Details Name: aa_PaymentsForFinancialContributionsForDivestitureOfBusinesses Namespace Prefix: aa_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionAmount of direct costs of the business combination including legal, accounting, and other costs incurred to consummate the business acquisition. + ReferencesNo definition available. + Details Name: us-gaap_BusinessAcquisitionCostOfAcquiredEntityTransactionCosts Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - DefinitionNumber of shares of equity interests issued or issuable to acquire entity. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 805 -SubTopic 30 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (b)(4) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479581/805-30-50-1 + Details Name: us-gaap_BusinessAcquisitionEquityInterestsIssuedOrIssuableNumberOfSharesIssued Namespace Prefix: us-gaap_ Data Type: xbrli:sharesItemType Balance Type: na Period Type: duration X - DefinitionPrice of a single share of a number of saleable stocks paid or offered to be paid in a business combination. + ReferencesNo definition available. + Details Name: us-gaap_BusinessAcquisitionSharePrice Namespace Prefix: us-gaap_ Data Type: dtr-types:perShareItemType Balance Type: na Period Type: instant X - DefinitionAmount of consideration transferred, consisting of acquisition-date fair value of assets transferred by the acquirer, liabilities incurred by the acquirer, and equity interest issued by the acquirer. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section 30 -Paragraph 8 -SubTopic 30 -Topic 805 -Publisher FASB -URI https://asc.fasb.org/1943274/2147479637/805-30-30-8Reference 2: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (b) -SubTopic 30 -Topic 805 -Publisher FASB -URI https://asc.fasb.org/1943274/2147479581/805-30-50-1Reference 3: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section 30 -Paragraph 7 -SubTopic 30 -Topic 805 -Publisher FASB -URI https://asc.fasb.org/1943274/2147479637/805-30-30-7 + Details Name: us-gaap_BusinessCombinationConsiderationTransferred1 Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionAmount before allocation of valuation allowances of deferred tax asset attributable to deductible temporary differences and carryforwards. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 740 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482685/740-10-50-2 + Details Name: us-gaap_DeferredTaxAssetsGross Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - DefinitionThe equity interest of noncontrolling shareholders, partners or other equity holders in consolidated entity. + ReferencesNo definition available. + Details Name: us-gaap_MinorityInterestOwnershipPercentageByNoncontrollingOwners Namespace Prefix: us-gaap_ Data Type: dtr-types:percentItemType Balance Type: na Period Type: instant X - DefinitionThe parent entity's interest in net assets of the subsidiary, expressed as a percentage. + ReferencesNo definition available. + Details Name: us-gaap_MinorityInterestOwnershipPercentageByParent Namespace Prefix: us-gaap_ Data Type: dtr-types:percentItemType Balance Type: na Period Type: instant X - Details Name: us-gaap_IncomeStatementBalanceSheetAndAdditionalDisclosuresByDisposalGroupsIncludingDiscontinuedOperationsAxis=aa_WarrickRollingMillMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_DisposalGroupClassificationAxis=us-gaap_DisposalGroupHeldforsaleNotDiscontinuedOperationsMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_BusinessAcquisitionAxis=aa_AluminaLimitedMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_SubsequentEventTypeAxis=us-gaap_SubsequentEventMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: srt_OwnershipAxis=aa_AlcoaWorldAluminaAndChemicalsMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: dei_LegalEntityAxis=aa_AlcoaCorporationMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: srt_ScheduleOfEquityMethodInvestmentEquityMethodInvesteeNameAxis=aa_SchemeImplementationDeedMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_StatementClassOfStockAxis=aa_NonvotingConvertiblePreferredStockMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_StatementClassOfStockAxis=aa_AlcoaNonvotingConvertiblePreferredStockMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_StatementClassOfStockAxis=aa_AlcoaCommonStockMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_BalanceSheetLocationAxis=us-gaap_PrepaidExpensesAndOtherCurrentAssetsMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: srt_RangeAxis=srt_MaximumMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: srt_RangeAxis=srt_MinimumMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: srt_OwnershipAxis=aa_CHESSDepositaryInterestsMember Namespace Prefix: Data Type: na Balance Type: Period Type: XML 54 R42.htm IDEA: XBRL DOCUMENT v3.24.2.u1 Restructuring and Other Charges, Net - Additional Information (Detail) $ in Millions 1 Months Ended 3 Months Ended 6 Months Ended Mar. 31, 2023 USD ($) Employees Jun. 30, 2024 USD ($) Sep. 30, 2023 Employees Jun. 30, 2023 USD ($) Jun. 30, 2024 USD ($) Employees Jun. 30, 2023 USD ($) Sep. 30, 2025 Employee Sep. 30, 2024 Employee Mar. 31, 2024 Employee Dec. 31, 2023 USD ($) Restructuring Cost and Reserve [Line Items] Â Â Â Â Â Â Â Â Restructuring and Other Charges Â $ 18 Â $ 24 $ 220 $ 173 Â Â Restructuring and other charges, net Â 18 Â 24 220 173 Â Â Kwinana Refinery [Member] Â Â Â Â Â Â Â Â Â Â Restructuring Cost and Reserve [Line Items] Â Â Â Â Â Â Â Â Â Restructuring And Other Charges Â 8 Â 205 Â Â Â Â Severance costs Â Â Â $ 41 Â Â Â Â Number of employees | Employee Â Â Â Â Â Â Â 780 Â Number of employees associated with employee termination and severance costs | Employees Â 150 Â 580 Â Â Â Â Asset impairments Â Â Â $ 5 Â Â Â Â Contract termination cost Â Â Â 2 Â Â Â Â Cash outlays includes existing employee related liabilities and asset retirement obligations expected through 2025 Â Â Â 225 Â Â Â Â Cash outlays to be spent in 2024 Â Â Â 145 Â Â Â Â Cash outlays Â 22 Â Â 24 Â Â Â Â Kwinana Refinery [Member] | Forecast [Member] Â Â Â Â Â Â Â Â Â Â Restructuring Cost and Reserve [Line Items] Â Â Â Â Â Â Â Â Â Number of employees | Employee Â Â Â Â Â 50 250 Â Â Pension Benefits [Member] Â Â Â Â Â Â Â Â Â Restructuring Cost and Reserve [Line Items] Â Â Â Â Â Â Â Settlement of certain other postretirement benefits [1] Â (1) Â $ 21 (1) 21 Â Â Â Â Alcoa Corporation [Member] Â Â Â Â Â Â Â Â Â Restructuring Cost and Reserve [Line Items] Â Â Â Â Â Â Â Â Noncurrent portion of the reserve Â 22 Â 22 Â Â Â $ 15 Intalco [Member] Â Â Â Â Â Â Â Â Â Restructuring Cost and Reserve [Line Items] Â Â Â Â Â Â Restructuring And Other Charges $ 101 Â Â Â Â 101 Â Â Â Â Severance costs $ 1 Â Â Â Â Â Â Number of employees associated with employee termination and severance costs | Employees 12 Â Â Â Â Â Asset impairments $ 50 Â Â Â Â Â Cash outlays Â 9 Â 13 Â Â Â Â San Ciprian Facility [Member] Â Â Â Â Â Â Â Restructuring Cost and Reserve [Line Items] Â Â Â Â Â Â Cash outlays includes existing employee related liabilities and asset retirement obligations expected through 2025 Â Â Â Â 47 Â Â Â Â Cash outlays to be spent in 2024 Â Â Â 36 Â Â Â Â Cash outlays Â 9 Â 18 Â Â Â Â Restart costs Â Â Â 32 Â Â Â Â Commitments For Capital Improvement Costs Â Â Â 78 Â Â Â Â Restricted cash Â 86 Â 86 Â Â Â Â Capital improvement costs Â Â Â 111 Â Â Â Â Wenatchee (Washington) [Member] Â Â Â Â Â Â Â Â Restructuring Cost and Reserve [Line Items] Â Â Â Â Â Â Restructuring And Other Charges Â 8 Â 12 Â Â Â Â Cost of Goods Sold [Member] | Intalco [Member] Â Â Â Â Â Â Â Â Restructuring Cost and Reserve [Line Items] Â Â Â Â Â Â Â Other costs 16 Â Â Â Â Â Â Restructuring and Other Charges [Member] | San Ciprian Facility [Member] Â Â Â Â Â Restructuring Cost and Reserve [Line Items] Â Â Â Â Â Â Restructuring and other charges, net Â Â Â 47 Â Â Â Â 2023 Restructuring Plans Action [Member] Â Â Â Â Â Â Â Â Restructuring Cost and Reserve [Line Items] Â Â Â Â Â Â Restructuring and other charges, net Â Â Â Â 173 Â Â Â Â 2024 Restructuring Plans Action [Member] Â Â Â Â Â Â Â Â Restructuring Cost and Reserve [Line Items] Â Â Â Â Â Â Restructuring and other charges, net Â $ 18 Â 220 Â Â Â Closure Cost [Member] | Intalco [Member] Â Â Â Â Â Â Â Restructuring Cost and Reserve [Line Items] Â Â Â Â Â Â Restructuring And Other Charges 117 Â Â Â Â Â Â Cash outlays to be spent in 2024 Â Â Â 45 Â Â Â Â Cash outlays expected over next three years Â Â Â 85 Â Â Â Â Certain Employee Obligations [Member] | San Ciprian Aluminum Smelter [Member] Â Â Â Â Â Â Â Â Restructuring Cost and Reserve [Line Items] Â Â Â Â Â Â Â Restructuring And Other Charges Â Â Â Â $ 47 Â Â Â Â Environmental and Demolition Obligation [Member] | Intalco [Member] Â Â Â Â Â Â Â Restructuring Cost and Reserve [Line Items] Â Â Â Â Â Â Â Restructuring And Other Charges $ 50 Â Â Â Â Â Â Water Management Costs [Member] | Kwinana Refinery [Member] Â Â Â Â Â Â Â Restructuring Cost and Reserve [Line Items] Â Â Â Â Â Â Â Restructuring And Other Charges Â Â 129 Â Â Â Â Asset Retirement Obligations [Member] | Kwinana Refinery [Member] Â Â Â Â Â Â Â Â Restructuring Cost and Reserve [Line Items] Â Â Â Â Â Â Â Restructuring And Other Charges Â Â Â 15 Â Â Â Â Take Or-Pay Contracts [Member] | Kwinana Refinery [Member] Â Â Â Â Â Â Â Â Restructuring Cost and Reserve [Line Items] Â Â Â Â Â Â Â Restructuring And Other Charges Â Â Â $ 13 Â Â Â Â [1] These amounts were reported in Restructuring and other charges, net on the accompanying Statement of Consolidated Operations and Cash Flows. X - DefinitionCapital improvement costs. + ReferencesNo definition available. + Details Name: aa_CapitalImprovementCosts Namespace Prefix: aa_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionCash outlays. + ReferencesNo definition available. + Details Name: aa_CashOutlays Namespace Prefix: aa_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionCash outlays expected over next three years. + ReferencesNo definition available. + Details Name: aa_CashOutlaysExpectedOverNextThreeYears Namespace Prefix: aa_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionCash outlays, remainder of fiscal year. + ReferencesNo definition available. + Details Name: aa_CashOutlaysRemainderOfFiscalYear Namespace Prefix: aa_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionCash outlays remainder of fiscal year and year one. + ReferencesNo definition available. + Details Name: aa_CashOutlaysRemainderOfFiscalYearAndYearOne Namespace Prefix: aa_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionCommitment for capital improvement costs. + ReferencesNo definition available. + Details Name: aa_CommitmentsForCapitalImprovementCosts Namespace Prefix: aa_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionContract Termination Cost + ReferencesNo definition available. + Details Name: aa_ContractTerminationCost Namespace Prefix: aa_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionRestart costs. + ReferencesNo definition available. + Details Name: aa_RestartCosts Namespace Prefix: aa_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionAmount of expenses associated with exit or disposal activities pursuant to an authorized plan. Includes expenses related to certain asset retirement obligations. + ReferencesNo definition available. + Details Name: aa_RestructuringAndOtherCharges Namespace Prefix: aa_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionRestructuring and other charges (benefit) net. + ReferencesNo definition available. + Details Name: aa_RestructuringAndOtherChargesBenefitNet Namespace Prefix: aa_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionNumber of persons employed by the Entity + ReferencesNo definition available. + Details Name: dei_EntityNumberOfEmployees Namespace Prefix: dei_ Data Type: xbrli:decimalItemType Balance Type: na Period Type: instant X - DefinitionAmount of write-down of assets recognized in the income statement. Includes, but is not limited to, losses from tangible assets, intangible assets and goodwill. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section 45 -Paragraph 28 -Subparagraph (b) -SubTopic 10 -Topic 230 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-28Reference 2: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 360 -SubTopic 10 -Section 45 -Paragraph 4 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482130/360-10-45-4 + Details Name: us-gaap_AssetImpairmentCharges Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionAmount of gain (loss) recognized in net periodic benefit (cost) credit from irrevocable action relieving primary responsibility for benefit obligation and eliminating risk related to obligation and assets used to effect settlement. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 715 -SubTopic 20 -Name Accounting Standards Codification -Section 45 -Paragraph 3A -Publisher FASB -URI https://asc.fasb.org/1943274/2147480535/715-20-45-3AReference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 715 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (h)(2) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480506/715-20-50-1Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 715 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 6 -Subparagraph (a)(7) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480506/715-20-50-6 + Details Name: us-gaap_DefinedBenefitPlanRecognizedNetGainLossDueToSettlements1 Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionAmount of loss from reductions in inventory due to subsequent measurement adjustments, including, but not limited to, physical deterioration, obsolescence, or changes in price levels. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 330 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483080/330-10-50-2 + Details Name: us-gaap_InventoryWriteDown Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionAmount of cash restricted as to withdrawal or usage. Cash includes, but is not limited to, currency on hand, demand deposits with banks or financial institutions, and other accounts with general characteristics of demand deposits. + ReferencesReference 1: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 944 -SubTopic 210 -Name

Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.7-03(a)(2)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478777/944-210-S99-1Reference 2: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(1)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 3: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 230 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 8 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482913/230-10-50-8Reference 4: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 942 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.9-03(1)(a)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478546/942-210-S99-1 + Details Name: us-gaap_RestrictedCash Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - DefinitionThe number of positions eliminated during the period as a result of restructuring activities. + ReferencesNo definition available. + Details Name: us-gaap_RestructuringAndRelatedCostNumberOfPositionsEliminated Namespace Prefix: us-gaap_ Data Type: xbrli:integerItemType Balance Type: na Period Type: duration X - DefinitionLine items represent financial concepts included in a table. These concepts are used to disclose reportable information associated with domain members defined in one or many axes to the table. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 420 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 2 -Subparagraph (SAB Topic 5.P.4.d) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479823/420-10-S99-2Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 420 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 2 -Subparagraph (SAB Topic 5.P.4.b.1) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479823/420-10-S99-2Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 420 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 2 -Subparagraph (SAB Topic 5.P.4.b.2) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479823/420-10-S99-2Reference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 420 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482017/420-10-50-1Reference 5: http://www.xbrl.org/2003/role/disclosureRef -Topic 420 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (b)(2) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482017/420-10-50-1Reference 6: http://www.xbrl.org/2003/role/disclosureRef -Topic 420 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (b)(1) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482017/420-10-50-1Reference 7: http://www.xbrl.org/2003/role/disclosureRef -Topic 420 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (d) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482017/420-10-50-1 + Details Name: us-gaap_RestructuringCostAndReserveLineItems Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionCarrying amount as of the balance sheet date of known and estimated costs associated with exit from or disposal of business activities or restructurings pursuant to a duly authorized plan, which are expected to be paid after one year or beyond the next operating cycle, if longer. Costs of such activities include those for one-time termination benefits, termination of an operating lease or other contract, consolidating or closing facilities, and relocating employees, and costs associated with an ongoing benefit arrangement, but excludes costs associated with the retirement of a long-lived asset. + ReferencesReference 1: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 420 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 2 -Subparagraph (SAB Topic 5.P.4.b.2) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479823/420-10-S99-2Reference 2: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(24)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 3: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 420 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (b)(2) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482017/420-10-50-1 + Details Name: us-gaap_RestructuringReserveNoncurrent Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionAmount of expenses for special or contractual termination benefits provided to current employees involuntarily terminated under a benefit arrangement associated exit or disposal activities pursuant to an authorized plan. Excludes expenses related to one-time termination benefits, a discontinued operation or an asset retirement obligation. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section 45 -Paragraph 28 -Subparagraph (b) -SubTopic 10 -Topic 230 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-28 + Details Name: us-gaap_SeveranceCosts1 Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - Details Name: us-gaap_ProductOrServiceAxis=aa_KwinanaRefineryMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: srt_StatementScenarioAxis=srt_ScenarioForecastMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_RetirementPlanTypeAxis=us-gaap_PensionPlansDefinedBenefitMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: srt_ScheduleOfEquityMethodInvestmentEquityMethodInvesteeNameAxis=aa_AlcoaCorporationMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_RealEstatePropertiesAxis=aa_IntalcoFacilityMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_RealEstatePropertiesAxis=aa_SanCiprianFacilityMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_RealEstatePropertiesAxis=aa_WenatcheeFacilityMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_IncomeStatementLocationAxis=us-gaap_CostOfSalesMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_IncomeStatementLocationAxis=us-gaap_RestructuringAndOtherChargesMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_RestructuringCostAndReserveAxis=aa_TwentyTwentyThreeRestructuringPlanMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_RestructuringCostAndReserveAxis=aa_TwentyTwentyFourRestructuringPlanMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_RestructuringCostAndReserveAxis=aa_ClosureCostMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_RestructuringCostAndReserveAxis=aa_CertainEmployeeObligationsMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_RealEstatePropertiesAxis=aa_SanCiprianAluminumSmelterMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_RestructuringCostAndReserveAxis=aa_EnvironmentalAndDemolitionObligationMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_RestructuringCostAndReserveAxis=aa_WaterManagementCostsMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_RestructuringCostAndReserveAxis=aa_AssetRetirementObligationsMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_RestructuringCostAndReserveAxis=aa_TakeOrPayContractsMember Namespace Prefix: Data Type: na Balance Type: Period Type: XML 55 R43.htm IDEA: XBRL DOCUMENT v3.24.2.u1 Restructuring and Other Charges, Net - Schedule of Restructuring and Other Charges, Net by Reportable Segments, Pretax (Detail) - USD ($) $ in Millions 3 Months Ended 6 Months Ended Jun. 30, 2024 Jun. 30, 2023 Jun. 30, 2024 Jun. 30, 2023 Restructuring Cost and Reserve [Line Items] Â Â Â Â Restructuring and other charges, net $ 18 $ 24 $ 220 $ 173 Operating Segments [Member] Â Â Â Â Restructuring Cost and Reserve [Line Items] Â Â Â Â Restructuring and other charges, net 8 20 205 167 Corporate [Member] Â Â Â Â Restructuring Cost and Reserve [Line Items] Â Â Â Â Restructuring and other charges, net 10 4 15 6 Alumina [Member] | Operating Segments [Member] Â Â Â Â Restructuring Cost and Reserve [Line Items] Â Â Â Â Restructuring and other charges, net $ 8 1 $ 205 2 Aluminum Segment [Member] | Operating Segments [Member] Â Â Â Â Restructuring Cost and Reserve [Line Items] Â Â Â Â Restructuring and other charges, net Â $ 19 Â $ 165 X - DefinitionRestructuring and other charges (benefit) net. + ReferencesNo definition available. + Details Name: aa_RestructuringAndOtherChargesBenefitNet Namespace Prefix: aa_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionLine items represent financial concepts included in a table. These concepts are used to disclose reportable information associated with domain members defined in one or many axes to the table. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 420 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 2 -Subparagraph (SAB Topic 5.P.4.d) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479823/420-10-S99-2Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 420 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 2 -Subparagraph (SAB Topic 5.P.4.b.1) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479823/420-10-S99-2Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 420 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 2 -Subparagraph (SAB Topic 5.P.4.b.2) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479823/420-10-S99-2Reference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 420 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482017/420-10-50-1Reference 5: http://www.xbrl.org/2003/role/disclosureRef -Topic 420 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (b)(2) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482017/420-10-50-1Reference 6: http://www.xbrl.org/2003/role/disclosureRef -Topic 420 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (b)(1) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482017/420-10-50-1Reference 7: http://www.xbrl.org/2003/role/disclosureRef -Topic 420 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (d) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482017/420-10-50-1 + Details Name: us-gaap_RestructuringCostAndReserveLineItems Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - Details Name: srt_ConsolidationItemsAxis=us-gaap_OperatingSegmentsMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_StatementBusinessSegmentsAxis=aa_AluminaMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: srt_ConsolidationItemsAxis=us-gaap_CorporateNonSegmentMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_StatementBusinessSegmentsAxis=aa_AluminumProductsSegmentMember Namespace Prefix: Data Type: na Balance Type: Period Type: XML 56 R44.htm IDEA: XBRL DOCUMENT v3.24.2.u1 Restructuring and Other Charges, Net - Activity and Reserve Balances for Restructuring Charges (Detail) - USD ($) $ in Millions 6 Months Ended 12 Months Ended Jun. 30, 2024 Dec. 31, 2023 Restructuring Cost and Reserve [Line Items] Â Â Restructuring reserve beginning balance $ 63 $ 117 Restructuring and other charges, net 199 66 Cash payments (56) (124) Reversals and other 4 4 Restructuring reserve ending balance 210 63 Severance and Employee Termination Costs [Member] Â Â Restructuring Cost and Reserve [Line Items] Â Â Restructuring reserve beginning balance 6 1 Restructuring and other charges, net 43 11 Cash payments (1) (6) Reversals and other 1 Â Restructuring reserve ending balance 49 6 Other Costs [Member] Â Â Restructuring Cost and Reserve [Line Items] Â Â Restructuring reserve beginning balance 57 116 Restructuring and other charges, net 156 55 Cash payments (55) (118) Reversals and other 3 4 Restructuring reserve ending balance $ 161 $ 57 X - DefinitionRestructuring and other charges net. + ReferencesNo definition available. + Details Name: aa_RestructuringAndOtherChargesNet Namespace Prefix: aa_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionAmount of cash payments made as the result of exit or disposal activities. Excludes payments associated with a discontinued operation or an asset retirement obligation. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 420 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (b)(2) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482017/420-10-50-1Reference 2: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 230 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 17 -Subparagraph (f) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-17 + Details Name: us-gaap_PaymentsForRestructuring Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionLine items represent financial concepts included in a table. These concepts are used to disclose reportable information associated with domain members defined in one or many axes to the table. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 420 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 2 -Subparagraph (SAB Topic 5.P.4.d) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479823/420-10-S99-2Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 420 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 2 -Subparagraph (SAB Topic 5.P.4.b.1) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479823/420-10-S99-2Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 420 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 2 -Subparagraph (SAB Topic 5.P.4.b.2) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479823/420-10-S99-2Reference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 420 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482017/420-10-50-1Reference 5: http://www.xbrl.org/2003/role/disclosureRef -Topic 420 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (b)(2) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482017/420-10-50-1Reference 6: http://www.xbrl.org/2003/role/disclosureRef -Topic 420 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (b)(1) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482017/420-10-50-1Reference 7: http://www.xbrl.org/2003/role/disclosureRef -Topic 420 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (d) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482017/420-10-50-1 + Details Name: us-gaap_RestructuringCostAndReserveLineItems Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionCarrying amount (including both current and noncurrent portions of the accrual) as of the balance sheet date pertaining to a specified type of cost associated with exit from or disposal of business activities or restructuring pursuant to a duly authorized plan. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 420 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 2 -Subparagraph (SAB Topic 5.P.4.b.2) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479823/420-10-S99-2Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 420 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (b)(2) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482017/420-10-50-1 + Details Name: us-gaap_RestructuringReserve Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionAmount of increase (decrease) in the restructuring reserve related to foreign currency translation (gain) loss and other increases (decreases). + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 420 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 2 -Subparagraph (SAB Topic 5.P.4.b.2) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479823/420-10-S99-2Reference 2: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 420 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (b)(2) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482017/420-10-50-1 + Details Name: us-gaap_RestructuringReserveTranslationAndOtherAdjustment Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - Details Name: us-gaap_RestructuringCostAndReserveAxis=us-gaap_EmployeeSeveranceMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_RestructuringCostAndReserveAxis=aa_OtherExitCostsMember Namespace Prefix: Data Type: na Balance Type: Period Type: XML 57 R45.htm IDEA: XBRL DOCUMENT v3.24.2.u1 Segment Information - Schedule of Operating Results of Alcoa's Reportable Segments (Detail) - USD ($) $ in Millions 3 Months Ended 6 Months Ended Jun. 30, 2024 Jun. 30, 2023 Jun. 30, 2024 Jun. 30, 2023 Segment Reporting Information [Line Items] Â Â Â Â Segment Adjusted EBITDA $ 419 $ 143 $ 608 $ 430 Depreciation, depletion, and amortization 158 148 313 295 Equity (loss) income 23 (27) 14 (101) Operating Segments [Member] Â Â Â Â Segment Reporting Information [Line Items] Â Â Â Â Total sales 3,365 3,083 6,363 6,174 Intersegment Eliminations [Member] Â Â Â Â Segment Reporting Information [Line Items] Â Â Â Â Intersegment sales 460 401 859 825 Third-Party Sales [Member] | Operating Segments [Member] Â Â Â Â Segment Reporting Information [Line Items] Â Â Â Â Third-party sales 2,905 2,682 5,504 5,349 Alumina [Member] Â Â Segment Reporting Information [Line Items] Â Â Â Â Segment Adjusted EBITDA 186 33 325 136 Depreciation, depletion, and amortization 90 80 177 157 Equity (loss) income 2 (11) (9) (28) Alumina [Member] | Operating Segments [Member] Â Â Â Â Segment Reporting Information [Line Items] Â Â Â Â Total sales 1,467 1,291 2,823 2,569 Alumina [Member] | Intersegment Eliminations [Member] Â Â Â Â Segment Reporting Information [Line Items] Â Â Â Â Intersegment sales 457 397 852 818 Alumina [Member] | Third-Party Sales [Member] | Operating Segments [Member] Â Â Â Â Segment Reporting Information [Line Items] Â Â Â Â Third-party sales 1,010 894 1,971 1,751 Aluminum [Member] Â Â Segment Reporting Information [Line Items] Â Â Â Â Segment Adjusted EBITDA 233 110 283 294 Depreciation, depletion, and amortization 68 68 136 138 Equity (loss) income 21 (16) 23 (73) Aluminum [Member] | Operating Segments [Member] Â Â Segment Reporting Information [Line Items] Â Â Â Â Total sales 1,898 1,792 3,540 3,605 Aluminum [Member] | Intersegment Eliminations [Member] Â Â Â Â Segment Reporting Information [Line Items] Â Â Â Â Intersegment sales 3 4 7 7 Aluminum [Member] | Third-Party Sales [Member] | Operating Segments [Member] Â Â Â Â Segment Reporting Information [Line Items] Â Â Â Â Third-party sales $ 1,895 $ 1,788 $ 3,533 $ 3,598 X - DefinitionAdjusted EBITDA. + ReferencesNo definition available. + Details Name: aa_AdjustedEbitda Namespace Prefix: aa_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionSegment reporting information depreciation depletion and amortization expenses. + ReferencesNo definition

available. + Details Name: aa_SegmentReportingInformationDepreciationDepletionAndAmortizationExpenses Namespace Prefix: aa_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionSegment reporting information equity in net income of equity method investees of segments. + ReferencesNo definition available. + Details Name: aa_SegmentReportingInformationEquityInNetIncomeOfEquityMethodInvesteesOfSegments Namespace Prefix: aa_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionSegment reporting information intersegment revenues. + ReferencesNo definition available. + Details Name: aa_SegmentReportingInformationIntersegmentRevenues Namespace Prefix: aa_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionSegment reporting information unrelated party sales. + ReferencesNo definition available. + Details Name: aa_SegmentReportingInformationUnrelatedPartySales Namespace Prefix: aa_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionAmount, including tax collected from customer, of revenue from satisfaction of performance obligation by transferring promised good or service to customer. Tax collected from customer is tax assessed by governmental authority that is both imposed on and concurrent with specific revenue-producing transaction, including, but not limited to, sales, use, value-added and excise. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 41 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-41Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 270 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (i) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482964/270-10-50-1Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 32 -Subparagraph (ee) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-32Reference 4: http://fasb.org/us-gaap/role/ref/otherTransitionRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 32 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-32Reference 5: http://fasb.org/us-gaap/role/ref/otherTransitionRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 32 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-32Reference 6: http://www.xbrl.org/2003/role/disclosureRef -Topic 924 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SAB Topic 11.L) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479941/924-10-S99-1Reference 7: http://www.xbrl.org/2003/role/disclosureRef -Topic 606 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 5 -Publisher FASB -URI https://asc.fasb.org/1943274/2147479806/606-10-50-5Reference 8: http://www.xbrl.org/2003/role/disclosureRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 30 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-30Reference 9: http://www.xbrl.org/2003/role/disclosureRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 42 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-42Reference 10: http://www.xbrl.org/2003/role/disclosureRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 22 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-22Reference 11: http://www.xbrl.org/2003/role/disclosureRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 40 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-40Reference 12: http://www.xbrl.org/2003/role/disclosureRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 22 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-22Reference 13: http://www.xbrl.org/2003/role/disclosureRef -Topic 606 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 4 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479806/606-10-50-4 + Details Name: us-gaap_RevenueFromContractWithCustomerIncludingAssessedTax Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionLine items represent financial concepts included in a table. These concepts are used to disclose reportable information associated with domain members defined in one or many axes to the table. + ReferencesNo definition available. + Details Name: us-gaap_SegmentReportingInformationLineItems Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - Details Name: us-gaap_OperatingSegmentsMember Namespace Prefix: us-gaap_ Data Type: na Balance Type: Period Type: X - Details Name: srt_ConsolidationItemsAxis=us-gaap_IntersegmentEliminationMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_RelatedPartyTransactionsByRelatedPartyAxis=aa_ThirdPartySalesMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_StatementBusinessSegmentsAxis=aa_AluminaMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_StatementBusinessSegmentsAxis=aa_AluminumMember Namespace Prefix: Data Type: na Balance Type: Period Type: XML 58 R46.htm IDEA: XBRL DOCUMENT v3.24.2.u1 Segment Information - Schedule of Segment Adjusted EBITDA to Consolidated Net Income (Loss) Attributable to Alcoa Corporation (Detail) - USD ($) $ in Millions 3 Months Ended 6 Months Ended Jun. 30, 2024 Jun. 30, 2023 Jun. 30, 2024 Jun. 30, 2023 Segment Reporting Information [Line Items] Â Â Â Â Total Segment Adjusted EBITDA $ 419 $ 143 $ 608 $ 430 Transformation (16) (17) (30) (25) Intersegment eliminations (29) 31 (37) 23 Corporate expenses (41) (24) (75) (54) Provision for depreciation, depletion, and amortization (163) (153) (324) (306) Restructuring and other charges, net (D) (18) (24) (220) (173) Interest expense (40) (27) (67) (53) Other income (expenses), net (P) 22 (6) (37) (60) Other (42) (22) (51) (61) Consolidated income (loss) before income taxes 92 (99) (233) (279) Provision for income taxes (61) (22) (43) (74) Net (income) loss attributable to noncontrolling interest (11) 19 44 20 NET INCOME (LOSS) ATTRIBUTABLE TO ALCOA CORPORATION $ 20 $ (102) $ (232) $ (333) X - DefinitionAdjusted EBITDA. + ReferencesNo definition available. + Details Name: aa_AdjustedEbitda Namespace Prefix: aa_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionAmount of expenses associated with exit or disposal activities pursuant to an authorized plan. Includes expenses related to certain asset retirement obligations. + ReferencesNo definition available. + Details Name: aa_RestructuringAndOtherCharges Namespace Prefix: aa_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionSegment reporting information corporate expenses. + ReferencesNo definition available. + Details Name: aa_SegmentReportingInformationCorporateExpenses Namespace Prefix: aa_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionSegment reporting information intersegment eliminations + ReferencesNo definition available. + Details Name: aa_SegmentReportingInformationIntersegmentEliminations Namespace Prefix: aa_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionSegment reporting information other income expense net. + ReferencesNo definition available. + Details Name: aa_SegmentReportingInformationOtherIncomeExpenseNet Namespace Prefix: aa_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionSegment Reporting Information Transformation. + ReferencesNo definition available. + Details Name: aa_SegmentReportingInformationTransformation Namespace Prefix: aa_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionThe aggregate expense recognized in the current period that allocates the cost of tangible assets, intangible assets, or depleting assets to periods that benefit from use of the assets. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section 45 -Paragraph 28 -Subparagraph (b) -SubTopic 10 -Topic 230 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-28Reference 2: http://www.xbrl.org/2003/role/exampleRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 48 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482785/280-10-55-48Reference 3: http://www.xbrl.org/2003/role/exampleRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 49 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482785/280-10-55-49Reference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 270 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (i) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482964/270-10-50-1Reference 5: http://www.xbrl.org/2003/role/disclosureRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 32 -Subparagraph (ee) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-32Reference 6: http://www.xbrl.org/2003/role/disclosureRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 22 -Subparagraph (e) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-22 + Details Name: us-gaap_DepreciationDepletionAndAmortization Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionAmount of income (loss) from continuing operations, including income (loss) from equity method investments, before deduction of income tax expense (benefit), and income (loss) attributable to noncontrolling interest. + ReferencesReference 1: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 22 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-22Reference 2: http://www.xbrl.org/2003/role/exampleRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 48 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482785/280-10-55-48Reference 3: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 32 -Subparagraph (f) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-32Reference 4: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 30 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-30Reference 5: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 270 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (i) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482964/270-10-50-1Reference 6: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 32 -Subparagraph (ee) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-32Reference 7: http://fasb.org/us-gaap/role/ref/otherTransitionRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 32 -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-32Reference 8: http://www.xbrl.org/2003/role/disclosureRef -Topic 944 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.7-04(11)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477250/944-220-S99-1Reference 9: http://www.xbrl.org/2003/role/exampleRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 31 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-31Reference 10: http://www.xbrl.org/2003/role/disclosureRef -Topic 942 -SubTopic 235 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.9-05(b)(2)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477314/942-235-S99-1Reference 11: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 2 -Subparagraph (SX 210.5-03(10)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483621/220-10-S99-2Reference 12: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 942 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.9-04(15)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478524/942-220-S99-1 + Details Name: us-gaap_IncomeLossFromContinuingOperationsBeforeIncomeTaxesExtraordinaryItemsNoncontrollingInterest Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionAmount of current income tax expense (benefit) and deferred income tax expense (benefit) pertaining to continuing operations. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 270 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (i) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482964/270-10-50-1Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 32 -Subparagraph (ee) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-32Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 740 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 12 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482685/740-10-50-12Reference 4: http://www.xbrl.org/2003/role/exampleRef -Topic 740 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 231 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482663/740-10-55-231Reference 5: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 9 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-9Reference 6: http://www.xbrl.org/2003/role/disclosureRef -Topic 740 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SAB Topic 6.I.7) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479360/740-10-S99-1Reference 7: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 8 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-8Reference 8: http://www.xbrl.org/2003/role/disclosureRef -Topic 740 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 10 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482685/740-10-50-10Reference 9: http://www.xbrl.org/2003/role/disclosureRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 22 -Subparagraph (h) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-22Reference 10: http://www.xbrl.org/2003/role/disclosureRef -Topic 944 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.7-04(9)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477250/944-220-S99-1Reference 11: http://www.xbrl.org/2003/role/disclosureRef -Name Accounting Standards Codification -Section 45 -Paragraph 2 -Subparagraph (a) -SubTopic 20 -Topic 740 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482659/740-20-45-2Reference 12: http://www.xbrl.org/2003/role/disclosureRef -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.4-08(h)) -SubTopic 10 -Topic 235 -Publisher FASB -URI https://asc.fasb.org/1943274/2147480678/235-10-S99-1 + Details Name: us-gaap_IncomeTaxExpenseBenefit Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionAmount of interest expense classified as operating and nonoperating. Includes, but is not limited to, cost of borrowing accounted for as interest expense. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 22 -Subparagraph (d) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-22Reference 2: http://www.xbrl.org/2003/role/exampleRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 48 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482785/280-10-55-48Reference 3: http://www.xbrl.org/2003/role/exampleRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 49 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482785/280-10-55-49Reference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 270 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (i) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482964/270-10-50-1Reference 5: http://www.xbrl.org/2003/role/disclosureRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 32 -Subparagraph (ee) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-32Reference 6: http://www.xbrl.org/2003/role/disclosureRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 24 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-24Reference 7: http://www.xbrl.org/2003/role/disclosureRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 22 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-22Reference 8: http://www.xbrl.org/2003/role/disclosureRef -Topic 835 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483013/835-20-50-1 + Details Name: us-gaap_InterestExpense Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionThe portion of profit or loss for the period, net of income taxes, which is attributable to the parent. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 6 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-6Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 9 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-9Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 805 -SubTopic 60 -Name Accounting Standards Codification -Section 65 -Paragraph 1 -Subparagraph (g) -Publisher FASB -URI https://asc.fasb.org/1943274/2147476176/805-60-65-1Reference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 740 -SubTopic 323 -Name Accounting Standards Codification -Section 65 -Paragraph 2 -Subparagraph (g)(3) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478666/740-323-65-2Reference 5: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 2 -Subparagraph (SX 210.5-03(20)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483621/220-10-S99-2Reference 6: http://www.xbrl.org/2003/role/disclosureRef -Topic 235 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.4-08(g)(1)(ii)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480678/235-10-S99-1Reference 7: http://www.xbrl.org/2003/role/disclosureRef -Topic 323 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481687/323-10-50-3Reference 8: http://www.xbrl.org/2003/role/disclosureRef -Topic 825 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 28 -Subparagraph (f) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482907/825-10-50-28Reference 9: http://www.xbrl.org/2003/role/disclosureRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 6 -Publisher FASB -URI

https://asc.fasb.org/1943274/2147482765/220-10-50-6Reference 10: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-3Reference 11: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (b)(2) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-1Reference 12: http://www.xbrl.org/2003/role/disclosureRef -Topic 815 -SubTopic 40 -Name Accounting Standards Codification -Section 65 -Paragraph 1 -Subparagraph (f) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480175/815-40-65-1Reference 13: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 8 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-8Reference 14: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 11 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-11Reference 15: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 11 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-11Reference 16: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 4 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-4Reference 17: http://www.xbrl.org/2003/role/exampleRef -Topic 946 -SubTopic 830 -Name Accounting Standards Codification -Section 55 -Paragraph 10 -Publisher FASB -URI https://asc.fasb.org/1943274/2147479168/946-830-55-10Reference 18: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 220 -Name Accounting Standards Codification -Section 45 -Paragraph 7 -Publisher FASB -URI https://asc.fasb.org/1943274/2147479105/946-220-45-7Reference 19: http://www.xbrl.org/2003/role/disclosureRef -Topic 944 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.7-04(18)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477250/944-220-S99-1Reference 20: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.6-07(9)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479134/946-220-S99-1Reference 21: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 3 -Subparagraph (SX 210.6-09(1)(d)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479134/946-220-S99-3Reference 22: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(i)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 23: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(ii)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 24: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(iii)(A)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 25: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(iv)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 26: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(5)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 27: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(4)(i)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 28: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(4)(iii)(A)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 29: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(4)(iii)(B)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 30: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(4)(iv)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 31: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(5)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 32: http://www.xbrl.org/2003/role/disclosureRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 60B -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482689/260-10-45-60BReference 33: http://www.xbrl.org/2003/role/disclosureRef -Topic 205 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 7 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483499/205-20-50-7Reference 34: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 230 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 28 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-28Reference 35: http://www.xbrl.org/2003/role/disclosureRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 1A -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482790/220-10-45-1AReference 36: http://www.xbrl.org/2003/role/disclosureRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 1B -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482790/220-10-45-1BReference 37: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 942 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.9-04(22)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478524/942-220-S99-1 + Details Name: us-gaap_NetIncomeLoss Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionAmount of Net Income (Loss) attributable to noncontrolling interest. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 6 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-6Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 9 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-9Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 8 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-8Reference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 944 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.7-04(17)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477250/944-220-S99-1Reference 5: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 6 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482765/220-10-50-6Reference 6: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 810 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1A -Subparagraph (a)(2) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481203/810-10-50-1AReference 7: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 810 -SubTopic 10 -Section 55 -Paragraph 4J -Publisher FASB -URI https://asc.fasb.org/1943274/2147481175/810-10-55-4JReference 8: http://www.xbrl.org/2003/role/disclosureRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 1A -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482790/220-10-45-1AReference 9: http://www.xbrl.org/2003/role/disclosureRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 1B -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482790/220-10-45-1B + Details Name: us-gaap_NetIncomeLossAttributableToNoncontrollingInterest Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionThe aggregate amount of income or expense from ancillary business-related activities (that is to say, excluding major activities considered part of the normal operations of the business). + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 2 -Subparagraph (SX 210.5-03(7)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483621/220-10-S99-2 + Details Name: us-gaap_NonoperatingIncomeExpense Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionLine items represent financial concepts included in a table. These concepts are used to disclose reportable information associated with domain members defined in one or many axes to the table. + ReferencesNo definition available. + Details Name: us-gaap_SegmentReportingInformationLineItems Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration XML 59 R47.htm IDEA: XBRL DOCUMENT v3.24.2.u1 Segment Information - Schedule of Sales by Product Division (Detail) - USD ($) $ in Millions 3 Months Ended 6 Months Ended Jun. 30, 2024 Jun. 30, 2023 Jun. 30, 2024 Jun. 30, 2023 Disaggregation Of Revenue [Line Items] Â Â Â Â Sales $ 2,906 $ 2,684 $ 5,505 $ 5,354 Aluminum [Member] Â Â Â Â Disaggregation Of Revenue [Line Items] Â Â Â Â Sales 1,934 1,824 3,595 3,670 Alumina [Member] Â Â Â Â Disaggregation Of Revenue [Line Items] Â Â Â Â Sales 904 774 1,794 1,488 Energy [Member] Â Â Â Â Disaggregation Of Revenue [Line Items] Â Â Â Â Sales 29 26 62 54 Bauxite [Member] Â Â Â Â Disaggregation Of Revenue [Line Items] Â Â Â Â Sales 96 109 157 236 Other [Member] Â Â Â Â Disaggregation Of Revenue [Line Items] Â Â Â Â Sales $ (57) $ (49) $ (103) $ (94) X - DefinitionLine items represent financial concepts included in a table. These concepts are used to disclose reportable information associated with domain members defined in one or many axes to the table. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 606 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 5 -Publisher FASB -URI https://asc.fasb.org/1943274/2147479806/606-10-50-5Reference 2: http://www.xbrl.org/2003/role/exampleRef -Topic 606 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 91 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479777/606-10-55-91Reference 3: http://www.xbrl.org/2003/role/exampleRef -Topic 606 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 91 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479777/606-10-55-91Reference 4: http://www.xbrl.org/2003/role/exampleRef -Topic 606 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 91 -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479777/606-10-55-91Reference 5: http://www.xbrl.org/2003/role/exampleRef -Topic 606 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 91 -Subparagraph (d) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479777/606-10-55-91Reference 6: http://www.xbrl.org/2003/role/exampleRef -Topic 606 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 91 -Subparagraph (e) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479777/606-10-55-91Reference 7: http://www.xbrl.org/2003/role/exampleRef -Topic 606 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 91 -Subparagraph (f) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479777/606-10-55-91Reference 8: http://www.xbrl.org/2003/role/exampleRef -Topic 606 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 91 -Subparagraph (g) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479777/606-10-55-91 + Details Name: us-gaap_DisaggregationOfRevenueLineItems Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionAmount, excluding tax collected from customer, of revenue from satisfaction of performance obligation by transferring promised good or service to customer. Tax collected from customer is tax assessed by governmental authority that is both imposed on and concurrent with specific revenue-producing transaction, including, but not limited to, sales, use, value added and excise. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 41 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-41Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 270 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (i) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482964/270-10-50-1Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 32 -Subparagraph (ee) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-32Reference 4: http://fasb.org/us-gaap/role/ref/otherTransitionRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 32 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-32Reference 5: http://fasb.org/us-gaap/role/ref/otherTransitionRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 32 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-32Reference 6: http://www.xbrl.org/2003/role/disclosureRef -Topic 924 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SAB Topic 11.L) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479941/924-10-S99-1Reference 7: http://www.xbrl.org/2003/role/disclosureRef -Topic 606 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 5 -Publisher FASB -URI https://asc.fasb.org/1943274/2147479806/606-10-50-5Reference 8: http://www.xbrl.org/2003/role/disclosureRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 30 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-30Reference 9: http://www.xbrl.org/2003/role/disclosureRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 42 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-42Reference 10: http://www.xbrl.org/2003/role/disclosureRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 22 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-22Reference 11: http://www.xbrl.org/2003/role/disclosureRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 40 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-40Reference 12: http://www.xbrl.org/2003/role/disclosureRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 22 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-22Reference 13: http://www.xbrl.org/2003/role/disclosureRef -Topic 606 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 4 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479806/606-10-50-4 + Details Name: us-gaap_RevenueFromContractWithCustomerExcludingAssessedTax Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - Details Name: srt_ProductOrServiceAxis=aa_AluminumMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: srt_ProductOrServiceAxis=aa_AluminaMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: srt_ProductOrServiceAxis=aa_EnergyMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: srt_ProductOrServiceAxis=aa_BauxiteMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: srt_ProductOrServiceAxis=aa_OtherProductsMember Namespace Prefix: Data Type: na Balance Type: Period Type: XML 60 R48.htm IDEA: XBRL DOCUMENT v3.24.2.u1 Earnings Per Share - Schedule of Computation of Basic and Diluted EPS Attributable to Alcoa Corporation Common Shareholders (Detail) - USD ($) shares in Millions, $ in Millions 3 Months Ended 6 Months Ended Jun. 30, 2024 Jun. 30, 2023 Jun. 30, 2024 Jun. 30, 2023 Earnings Per Share [Abstract] Â Â Â Â Net Income (Loss) $ 20 $ (102) $ (232) $ (333) Average shares outstanding â€" basic 180 178 179 178 Effect of dilutive securities: Â Â Â Â Stock units 1 Â Â Â Average shares outstanding â€" diluted 181 178 179 178 X - ReferencesNo definition available. + Details Name: us-gaap_EarningsPerShareAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionNumber of additional shares included in diluted EPS for potentially dilutive effect of nonvested equity-based payment award containing forfeitable rights to dividends or dividend equivalents, whether paid or unpaid. + ReferencesReference 1: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482662/260-10-50-1Reference 2: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 22 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482689/260-10-45-22Reference 3: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 23 -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482689/260-10-45-23Reference 4: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 28A -Publisher FASB -URI https://asc.fasb.org/1943274/2147482689/260-10-45-28AReference 5: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 260 -SubTopic 10 -Section 45 -Paragraph 68B -Publisher FASB -URI https://asc.fasb.org/1943274/2147482689/260-10-45-68B + Details Name: us-gaap_IncrementalCommonSharesAttributableToNonvestedSharesWithForfeitableDividends Namespace Prefix: us-gaap_ Data Type: xbrli:sharesItemType Balance Type: na Period Type: duration X - DefinitionThe portion of profit or loss for the period, net of income taxes, which is attributable to the parent. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 6 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-6Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 9 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-9Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 805 -SubTopic 60 -Name Accounting Standards Codification -Section 65 -Paragraph 1 -Subparagraph (g) -Publisher FASB -URI https://asc.fasb.org/1943274/2147476176/805-60-65-1Reference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 740 -SubTopic 323 -Name Accounting Standards Codification -Section 65 -Paragraph 2 -Subparagraph (g)(3) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478666/740-323-65-2Reference 5: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -

Paragraph 2 -Subparagraph (SX 210.5-03(20)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483621/220-10-S99-2Reference 6: http://www.xbrl.org/2003/role/disclosureRef -Topic 235 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.4-08(g)(1)(ii)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480678/235-10-S99-1Reference 7: http://www.xbrl.org/2003/role/disclosureRef -Topic 323 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481687/323-10-50-3Reference 8: http://www.xbrl.org/2003/role/disclosureRef -Topic 825 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 28 -Subparagraph (f) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482907/825-10-50-28Reference 9: http://www.xbrl.org/2003/role/disclosureRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 6 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482765/220-10-50-6Reference 10: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-3Reference 11: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (b)(2) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-1Reference 12: http://www.xbrl.org/2003/role/disclosureRef -Topic 815 -SubTopic 40 -Name Accounting Standards Codification -Section 65 -Paragraph 1 -Subparagraph (f) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480175/815-40-65-1Reference 13: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 8 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-8Reference 14: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 11 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-11Reference 15: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 11 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-11Reference 16: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 4 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-4Reference 17: http://www.xbrl.org/2003/role/exampleRef -Topic 946 -SubTopic 830 -Name Accounting Standards Codification -Section 55 -Paragraph 10 -Publisher FASB -URI https://asc.fasb.org/1943274/2147479168/946-830-55-10Reference 18: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 220 -Name Accounting Standards Codification -Section 45 -Paragraph 7 -Publisher FASB -URI https://asc.fasb.org/1943274/2147479105/946-220-45-7Reference 19: http://www.xbrl.org/2003/role/disclosureRef -Topic 944 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.7-04(18)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477250/944-220-S99-1Reference 20: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.6-07(9)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479134/946-220-S99-1Reference 21: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 3 -Subparagraph (SX 210.6-09(1)(d)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479134/946-220-S99-3Reference 22: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(i)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 23: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(ii)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 24: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(iii)(A)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 25: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(iv)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 26: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(5)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 27: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(4)(i)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 28: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(4)(iii)(A)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 29: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(4)(iii)(B)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 30: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(4)(iv)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 31: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(5)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 32: http://www.xbrl.org/2003/role/disclosureRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 60B -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482689/260-10-45-60BReference 33: http://www.xbrl.org/2003/role/disclosureRef -Topic 205 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 7 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483499/205-20-50-7Reference 34: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 230 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 28 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-28Reference 35: http://www.xbrl.org/2003/role/disclosureRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 1A -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482790/220-10-45-1AReference 36: http://www.xbrl.org/2003/role/disclosureRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 1B -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482790/220-10-45-1BReference 37: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 942 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.9-04(22)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478524/942-220-S99-1 + Details Name: us-gaap_NetIncomeLoss Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - ReferencesNo definition available. + Details Name: us-gaap_WeightedAverageNumberDilutedSharesOutstandingAdjustmentAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionThe average number of shares or units issued and outstanding that are used in calculating diluted EPS or earnings per unit (EPU), determined based on the timing of issuance of shares or units in the period. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482662/260-10-50-1Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 16 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482689/260-10-45-16 + Details Name: us-gaap_WeightedAverageNumberOfDilutedSharesOutstanding Namespace Prefix: us-gaap_ Data Type: xbrli:sharesItemType Balance Type: na Period Type: duration X - DefinitionNumber of [basic] shares or units, after adjustment for contingently issuable shares or units and other shares or units not deemed outstanding, determined by relating the portion of time within a reporting period that common shares or units have been outstanding to the total time in that period. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482662/260-10-50-1Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 10 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482689/260-10-45-10 + Details Name: us-gaap_WeightedAverageNumberOfSharesOutstandingBasic Namespace Prefix: us-gaap_ Data Type: xbrli:sharesItemType Balance Type: na Period Type: duration XML 61 R49.htm IDEA: XBRL DOCUMENT v3.24.2.u1 Earnings Per Share - Additional Information (Detail) - Stock Awards and Stock Options [Member] - shares shares in Millions 3 Months Ended 6 Months Ended Jun. 30, 2023 Jun. 30, 2024 Jun. 30, 2023 Antidilutive Securities Excluded from Computation of Earnings Per Share [Line Items] Â Â Â Common shares equivalents that would have been included in diluted average shares outstanding 2 2 3 Number of anti-dilutive securities 3 3 3 X - DefinitionShares that would have been included in diluted earnings per share calculation. + ReferencesNo definition available. + Details Name: aa_SharesThatWouldHaveBeenIncludedInDilutedEarningsPerShareCalculation Namespace Prefix: aa_ Data Type: xbrli:sharesItemType Balance Type: na Period Type: duration X - DefinitionSecurities (including those issuable pursuant to contingent stock agreements) that could potentially dilute basic earnings per share (EPS) or earnings per unit (EPU) in the future that were not included in the computation of diluted EPS or EPU because to do so would increase EPS or EPU amounts or decrease loss per share or unit amounts for the period presented. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482662/260-10-50-1 + Details Name: us-gaap_AntidilutiveSecuritiesExcludedFromComputationOfEarningsPerShareAmount Namespace Prefix: us-gaap_ Data Type: xbrli:sharesItemType Balance Type: na Period Type: duration X - DefinitionLine items represent financial concepts included in a table. These concepts are used to disclose reportable information associated with domain members defined in one or many axes to the table. + ReferencesNo definition available. + Details Name: us-gaap_AntidilutiveSecuritiesExcludedFromComputationOfEarningsPerShareLineItems Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - Details Name: us-gaap_AntidilutiveSecuritiesExcludedFromComputationOfEarningsPerShareByAntidilutiveSecuritiesAxis=aa_StockAwardsAndStockOptionsMember Namespace Prefix: Data Type: na Balance Type: Period Type: XML 62 R50.htm IDEA: XBRL DOCUMENT v3.24.2.u1 Accumulated Other Comprehensive Loss - Summary of Changes in Accumulated Other Comprehensive (Loss) Income by Component (Detail) - USD ($) $ in Millions 3 Months Ended 6 Months Ended Jun. 30, 2024 Jun. 30, 2023 Jun. 30, 2024 Jun. 30, 2023 Dec. 31, 2023 Pension and other postretirement benefits (L) Â Â Â Â Â Total Other comprehensive income (loss) $ (18) $ (8) $ (28) $ (12) Â Foreign currency translation Â Â Â Â Â Other comprehensive (loss) income (76) 36 (252) 53 Â Cash flow hedges (M) Â Â Â Â Â Net change from periodic revaluations (153) 241 (36) 54 Â Net amount reclassified to earnings 74 27 127 64 Â Total Accumulated other comprehensive loss (3,737) Â (3,737) Â $ (3,645) Alcoa Corporation [Member] Â Â Â Â Â Pension and other postretirement benefits (L) Â Â Â Â Â Balance at beginning of period 9 66 Â 62 Â Unrecognized net actuarial gain/loss and prior service cost/benefit 10 (18) 14 (18) Â Tax benefit (expense) (2) 8 (3) 8 Â Total Other comprehensive income (loss) before reclassifications, net of tax 8 (10) 11 (10) Â Amortization of net actuarial gain/loss and prior service cost/benefit 5 26 11 30 Â Tax benefit (expense) Â (6) Â (6) Â Total amount reclassified from Accumulated other comprehensive loss, net of tax 5 20 11 24 Â Total Other comprehensive income (loss) 13 10 22 14 Â Balance at end of period 22 76 22 76 Â Foreign currency translation Â Â Â Â Â Balance at beginning of period (2,715) (2,683) (2,593) (2,685) Â Other comprehensive (loss) income (60) 25 (182) 27 Â Balance at end of period (2,775) (2,658) (2,775) (2,658) Â Cash flow hedges (M) Â Â Â Â Â Balance at beginning of period (922) (1,038) (1,052) (916) Â Net change from periodic revaluations (153) 241 (36) 54 Â Tax (expense) benefit 31 (38) Â Â Â Total Other comprehensive income (loss) before reclassifications, net of tax (122) 203 (36) 54 Â Net amount reclassified to earnings 74 27 127 64 Â Tax expense (14) (4) (23) (14) Â Total amount reclassified from Accumulated other comprehensive loss, net of tax 60 23 104 50 Â Total Other comprehensive income (loss) (62) 226 68 104 Â Balance at end of period (984) (812) (984) (812) Â Total Accumulated other comprehensive loss (3,737) (3,394) (3,737) (3,394) Â Alcoa Corporation [Member] | Aluminum Contracts [Member] Â Â Â Â Â Cash flow hedges (M) Â Â Â Â Â Net amount reclassified to earnings 75 33 132 94 Â Alcoa Corporation [Member] | Financial Contracts [Member] Â Â Â Â Â Cash flow hedges (M) Â Â Â Â Â Net amount reclassified to earnings Â Â Â (20) Â Alcoa Corporation [Member] | Interest Rate Contracts [Member] Â Â Â Â Â Cash flow hedges (M) Â Â Â Â Â Net amount reclassified to earnings (1) (3) (1) (2) Â Alcoa Corporation [Member] | Foreign Exchange Contract [Member] Â Â Â Â Â Cash flow hedges (M) Â Â Â Â Â Net amount reclassified to earnings Â (3) (4) (8) Â Non-controlling Interest [Member] Â Â Â Â Â Pension and other postretirement benefits (L) Â Â Â Â Â Balance at beginning of period (14) (5) (15) (5) Â Unrecognized net actuarial gain/loss and prior service cost/benefit 7 (2) 7 (2) Â Tax benefit (expense) (2) Â (2) Â Â Total Other comprehensive income (loss) before reclassifications, net of tax 5 (2) 5 (2) Â Amortization of net actuarial gain/loss and prior service cost/benefit Â Â 1 Â Â Total amount reclassified from Accumulated other comprehensive loss, net of tax Â Â 1 Â Â Total Other comprehensive income (loss) 5 (2) 6 (2) Â Balance at end of period (9) (7) (9) (7) Â Foreign currency translation Â Â Â Â Â Balance at beginning of period (1,037) (1,025) (983) (1,040) Â Other comprehensive (loss) income (16) 11 (70) 26 Â Balance at end of period (1,053) (1,014) (1,053) (1,014) Â Cash flow hedges (M) Â Â Â Â Â Balance at beginning of period Â 1 Â 1 Â Net amount reclassified to earnings (1) Â (1) Â Â Total amount reclassified from Accumulated other comprehensive loss, net of tax (1) Â (1) Â Â Total Other comprehensive income (loss) (1) Â (1) Â Â Balance at end of period (1) 1 (1) 1 Â Total Accumulated other comprehensive loss (1,063) $ (1,020) (1,063) $ (1,020) Â Non-controlling Interest [Member] | Interest Rate Contracts [Member] Â Â Â Â Â Cash flow hedges (M) Â Â Â Â Â Net amount reclassified to earnings $ (1) Â $ (1) Â X - DefinitionAmount, after tax, of accumulated other comprehensive (income) loss for defined benefit plan, that has not been recognized in net periodic benefit cost (credit). + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 220 -SubTopic 10 -Section 45 -Paragraph 14A -Publisher FASB -URI https://asc.fasb.org/1943274/2147482790/220-10-45-14AReference 2: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section 45 -Paragraph 10A -Subparagraph (j) -SubTopic 10 -Topic 220 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482790/220-10-45-10AReference 3: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section 45 -Paragraph 10A -Subparagraph (k) -SubTopic 10 -Topic 220 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482790/220-10-45-10AReference 4: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 10A -Subparagraph (i) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482790/220-10-45-10AReference 5: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 715 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (j) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480506/715-20-50-1 + Details Name: us-gaap_AccumulatedOtherComprehensiveIncomeLossDefinedBenefitPensionAndOtherPostretirementPlansNetOfTax Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - DefinitionAccumulated adjustment, net of tax, that results from the process of translating subsidiary financial statements and foreign equity investments into the reporting currency from the functional currency of the reporting entity, net of reclassification of realized foreign currency translation gains or losses. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 11 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482790/220-10-45-11Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 14A -Publisher FASB -URI https://asc.fasb.org/1943274/2147482790/220-10-45-14AReference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 825 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 5A -Publisher FASB -URI https://asc.fasb.org/1943274/2147482736/825-10-45-5AReference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 10A -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482790/220-10-45-10AReference 5: http://www.xbrl.org/2003/role/disclosureRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 14 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482790/220-10-45-14 + Details Name: us-gaap_AccumulatedOtherComprehensiveIncomeLossForeignCurrencyTranslationAdjustmentNetOfTax Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionAmount, after tax, of accumulated increase (decrease) in equity from transaction and other event and circumstance from nonowner source. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 220 -SubTopic 10 -Section 45 -Paragraph 14A -Publisher FASB -URI https://asc.fasb.org/1943274/2147482790/220-10-45-14AReference 2: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 11 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482790/220-10-45-11Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 944 -SubTopic 40 -Name Accounting Standards Codification -Section 65 -Paragraph 2 -Subparagraph (g)(2)(ii) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480016/944-40-65-2Reference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 944 -SubTopic 40 -Name Accounting Standards Codification -Section 65 -Paragraph 2 -Subparagraph (h)(2) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480016/944-40-65-2Reference 5: http://www.xbrl.org/2003/role/disclosureRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(30)(a)(4)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 6: http://www.xbrl.org/2003/role/disclosureRef -

Topic 944 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.7-03(a)(23)(a)(3)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478777/944-210-S99-1Reference 7: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 220 -SubTopic 10 -Section 45 -Paragraph 14 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482790/220-10-45-14 + Details Name: us-gaap_AccumulatedOtherComprehensiveIncomeLossNetOfTax Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionAmount, after tax, of accumulated gain (loss) on derivative instrument designated and qualifying as cash flow hedge included in assessment of hedge effectiveness. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 11 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482790/220-10-45-11 + Details Name: us-gaap_AociLossCashFlowHedgeCumulativeGainLossAfterTax Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - ReferencesNo definition available. + Details Name: us-gaap_EffectOfCashFlowHedgesOnResultsOfOperationsAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - ReferencesNo definition available. + Details Name: us-gaap_ForeignCurrencyTranslationAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionAmount, after reclassification, of tax expense (benefit) for gain (loss) from derivative instrument designated and qualifying as cash flow hedge included in assessment of hedge effectiveness. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 12 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482790/220-10-45-12 + Details Name: us-gaap_OtherComprehensiveIncomeLossCashFlowHedgeGainLossAfterReclassificationTax Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionAmount, after tax and before reclassification, of gain (loss) from derivative instrument designated and qualifying as cash flow hedge included in assessment of hedge effectiveness. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 11 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482790/220-10-45-11Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 10A -Subparagraph (d) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482790/220-10-45-10A + Details Name: us-gaap_OtherComprehensiveIncomeLossCashFlowHedgeGainLossBeforeReclassificationAfterTax Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionAmount, before tax and reclassification, of gain (loss) from derivative instrument designated and qualifying as cash flow hedge included in assessment of hedge effectiveness. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 11 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482790/220-10-45-11Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 815 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 4C -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480434/815-10-50-4CReference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 815 -SubTopic 20 -Name Accounting Standards Codification -Section 45 -Paragraph 3 -Publisher FASB -URI https://asc.fasb.org/1943274/2147480627/815-20-45-3Reference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 815 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 4A -Subparagraph (b)(2) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480434/815-10-50-4AReference 5: http://www.xbrl.org/2003/role/disclosureRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 10A -Subparagraph (d) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482790/220-10-45-10A + Details Name: us-gaap_OtherComprehensiveIncomeLossCashFlowHedgeGainLossBeforeReclassificationAndTax Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionAmount, before reclassification, of tax expense (benefit) for gain (loss) from derivative instrument designated and qualifying as cash flow hedge included in assessment of hedge effectiveness. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 12 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482790/220-10-45-12 + Details Name: us-gaap_OtherComprehensiveIncomeLossCashFlowHedgeGainLossBeforeReclassificationTax Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionAmount, after tax, of reclassification of gain (loss) from accumulated other comprehensive income (AOCI) for derivative instrument designated and qualifying as cash flow hedge included in assessment of hedge effectiveness. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 11 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482790/220-10-45-11Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 15 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482790/220-10-45-15 + Details Name: us-gaap_OtherComprehensiveIncomeLossCashFlowHedgeGainLossReclassificationAfterTax Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionAmount, before tax, of reclassification of gain (loss) from accumulated other comprehensive income (AOCI) for derivative instrument designated and qualifying as cash flow hedge included in assessment of hedge effectiveness. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 11 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482790/220-10-45-11Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 15 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482790/220-10-45-15Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Name Accounting Standards Codification -Section 50 -Paragraph 4C -Subparagraph (c) -SubTopic 10 -Topic 815 -Publisher FASB -URI https://asc.fasb.org/1943274/2147480434/815-10-50-4C + Details Name: us-gaap_OtherComprehensiveIncomeLossCashFlowHedgeGainLossReclassificationBeforeTax Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionAmount of tax expense (benefit) for reclassification of gain (loss) from accumulated other comprehensive income (AOCI) for derivative instrument designated and qualifying as cash flow hedge included in assessment of hedge effectiveness. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 12 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482790/220-10-45-12 + Details Name: us-gaap_OtherComprehensiveIncomeLossCashFlowHedgeGainLossReclassificationTax Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionAmount after tax and reclassification adjustments of gain (loss) on foreign currency translation adjustments, foreign currency transactions designated and effective as economic hedges of a net investment in a foreign entity and intra-entity foreign currency transactions that are of a long-term-investment nature. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section 45 -Paragraph 10A -Subparagraph (a) -SubTopic 10 -Topic 220 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482790/220-10-45-10AReference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 944 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.7-04(19)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477250/944-220-S99-1 + Details Name: us-gaap_OtherComprehensiveIncomeLossForeignCurrencyTransactionAndTranslationAdjustmentNetOfTax Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionAmount, before tax and reclassification adjustment, of (increase) decrease in accumulated other comprehensive income of defined benefit plan, that has not been recognized in net periodic benefit cost (credit). + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section 45 -Paragraph 10A -Subparagraph (j) -SubTopic 10 -Topic 220 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482790/220-10-45-10AReference 2: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section 45 -Paragraph 10A -Subparagraph (k) -SubTopic 10 -Topic 220 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482790/220-10-45-10AReference 3: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 11 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482790/220-10-45-11Reference 4: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 10A -Subparagraph (i) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482790/220-10-45-10A + Details Name: us-gaap_OtherComprehensiveIncomeLossPensionAndOtherPostretirementBenefitPlansAdjustmentBeforeReclassificationAdjustmentsAndTax Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionAmount, after tax, before reclassification adjustment, of (increase) decrease in accumulated other comprehensive income of defined benefit plan, that has not been recognized in net periodic benefit cost (credit). + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section 45 -Paragraph 10A -Subparagraph (j) -SubTopic 10 -Topic 220 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482790/220-10-45-10AReference 2: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section 45 -Paragraph 10A -Subparagraph (k) -SubTopic 10 -Topic 220 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482790/220-10-45-10AReference 3: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 11 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482790/220-10-45-11Reference 4: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 10A -Subparagraph (i) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482790/220-10-45-10A + Details Name: us-gaap_OtherComprehensiveIncomeLossPensionAndOtherPostretirementBenefitPlansAdjustmentBeforeReclassificationAdjustmentsNetOfTax Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionAmount, after tax and reclassification adjustment, of (increase) decrease in accumulated other comprehensive income of defined benefit plan. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section 45 -Paragraph 10A -Subparagraph (j) -SubTopic 10 -Topic 220 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482790/220-10-45-10AReference 2: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section 45 -Paragraph 10A -Subparagraph (k) -SubTopic 10 -Topic 220 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482790/220-10-45-10AReference 3: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 11 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482790/220-10-45-11Reference 4: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 10A -Subparagraph (i) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482790/220-10-45-10AReference 5: http://www.xbrl.org/2003/role/disclosureRef -Topic 944 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.7-04(19)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477250/944-220-S99-1 + Details Name: us-gaap_OtherComprehensiveIncomeLossPensionAndOtherPostretirementBenefitPlansAdjustmentNetOfTax Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionAmount, before reclassification adjustment, of tax (expense) benefit for (increase) decrease in accumulated other comprehensive income for defined benefit plan. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section 45 -Paragraph 10A -Subparagraph (j) -SubTopic 10 -Topic 220 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482790/220-10-45-10AReference 2: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section 45 -Paragraph 10A -Subparagraph (k) -SubTopic 10 -Topic 220 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482790/220-10-45-10AReference 3: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section 45 -Paragraph 12 -SubTopic 10 -Topic 220 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482790/220-10-45-12Reference 4: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 810 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 19 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481231/810-10-45-19Reference 5: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 10A -Subparagraph (i) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482790/220-10-45-10A + Details Name: us-gaap_OtherComprehensiveIncomeLossPensionAndOtherPostretirementBenefitPlansBeforeReclassificationAdjustmentsTax Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionAmount, before tax, of reclassification adjustment from accumulated other comprehensive (income) loss for net periodic benefit cost (credit) of defined benefit plan. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section 45 -Paragraph 15 -SubTopic 10 -Topic 220 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482790/220-10-45-15Reference 2: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 11 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482790/220-10-45-11Reference 3: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 715 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (i) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480506/715-20-50-1Reference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 17A -Publisher FASB -URI https://asc.fasb.org/1943274/2147482790/220-10-45-17A + Details Name: us-gaap_OtherComprehensiveIncomeLossReclassificationAdjustmentFromAOCIPensionAndOtherPostretirementBenefitPlansBeforeTax Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionAmount, after tax, of reclassification adjustment from accumulated other comprehensive (income) loss for net periodic benefit cost (credit) of defined benefit plan. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section 45 -Paragraph 15 -SubTopic 10 -Topic 220 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482790/220-10-45-15Reference 2: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 11 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482790/220-10-45-11Reference 3: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 715 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (i) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480506/715-20-50-1Reference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 17A -Publisher FASB -URI https://asc.fasb.org/1943274/2147482790/220-10-45-17A + Details Name: us-gaap_OtherComprehensiveIncomeLossReclassificationAdjustmentFromAOCIPensionAndOtherPostretirementBenefitPlansNetOfTax Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionAmount of tax (expense) benefit for reclassification adjustment from accumulated other comprehensive (income) loss of defined benefit plan. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section 45 -Paragraph 12 -SubTopic 10 -Topic 220 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482790/220-10-45-12Reference 2: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 810 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 19 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481231/810-10-45-19 + Details Name: us-gaap_OtherComprehensiveIncomeLossReclassificationAdjustmentFromAOCIPensionAndOtherPostretirementBenefitPlansTax Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - ReferencesNo definition available. + Details Name: us-gaap_PensionAndOtherPostretirementBenefitExpenseAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - Details Name: us-gaap_StatementEquityComponentsAxis=us-gaap_ParentMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_DerivativeInstrumentRiskAxis=aa_AluminumContractsMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_DerivativeInstrumentRiskAxis=aa_FinanceRelatedDerivativeMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_DerivativeInstrumentRiskAxis=us-gaap_InterestRateContractMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_DerivativeInstrumentRiskAxis=us-gaap_ForeignExchangeContractMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_StatementEquityComponentsAxis=us-gaap_NoncontrollingInterestMember Namespace Prefix: Data Type: na Balance Type: Period Type: XML 63 R51.htm IDEA: XBRL DOCUMENT v3.24.2.u1 Accumulated Other Comprehensive Loss - Summary of Changes in Accumulated Other Comprehensive (Loss) Income by Component (Parenthetical) (Detail) - USD ($) $ in Millions 3 Months Ended Jun. 30, 2024 Jun. 30, 2023 Jun. 30, 2024 Jun. 30, 2023 Accumulated Other Comprehensive Income (Loss) [Line Items] Â Â Â Â Net amount reclassified to earnings $ 74 $ 27 $ 127 $ 64 Cost of Goods Sold [Member] Â Â Â Â Accumulated Other Comprehensive Income (Loss) [Line Items] Â Â Â Â Net amount reclassified to earnings Â 4 Â 4 Sales [Member] Â Â Â Â Accumulated Other Comprehensive Income (Loss) [Line Items] Â Â Â Â Net amount reclassified to earnings Â $ 7 Â $ 12 X - DefinitionLine items represent financial concepts included in a table. These concepts are used to disclose reportable information associated with domain members defined in one or many axes to the table. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 4 -Publisher FASB -URI

https://asc.fasb.org/1943274/2147482765/220-10-50-4Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 5 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482765/220-10-50-5Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 830 -SubTopic 30 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481674/830-30-50-1Reference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 830 -SubTopic 30 -Name Accounting Standards Codification -Section 45 -Paragraph 17 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481694/830-30-45-17Reference 5: http://www.xbrl.org/2003/role/disclosureRef -Topic 830 -SubTopic 30 -Name Accounting Standards Codification -Section 45 -Paragraph 20 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481694/830-30-45-20Reference 6: http://www.xbrl.org/2003/role/disclosureRef -Topic 830 -SubTopic 30 -Name Accounting Standards Codification -Section 45 -Paragraph 20 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481694/830-30-45-20Reference 7: http://www.xbrl.org/2003/role/disclosureRef -Topic 830 -SubTopic 30 -Name Accounting Standards Codification -Section 45 -Paragraph 20 -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481694/830-30-45-20Reference 8: http://www.xbrl.org/2003/role/disclosureRef -Topic 830 -SubTopic 30 -Name Accounting Standards Codification -Section 45 -Paragraph 20 -Subparagraph (d) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481694/830-30-45-20 + Details Name: us-gaap_AccumulatedOtherComprehensiveIncomeLossLineItems Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionAmount, before tax, of reclassification of gain (loss) from accumulated other comprehensive income (AOCI) for derivative instrument designated and qualifying as cash flow hedge included in assessment of hedge effectiveness. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 11 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482790/220-10-45-11Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 15 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482790/220-10-45-15Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Name Accounting Standards Codification -Section 50 -Paragraph 4C -Subparagraph (c) -SubTopic 10 -Topic 815 -Publisher FASB -URI https://asc.fasb.org/1943274/2147480434/815-10-50-4C + Details Name: us-gaap_OtherComprehensiveIncomeLossCashFlowHedgeGainLossReclassificationBeforeTax Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - Details Name: us-gaap_IncomeStatementLocationAxis=us-gaap_CostOfSalesMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_IncomeStatementLocationAxis=us-gaap_SalesMember Namespace Prefix: Data Type: na Balance Type: Period Type: XML 64 R52.htm IDEA: XBRL DOCUMENT v3.24.2.u1 Investments - Summary of Unaudited Financial Information for Alcoa Corporation's Equity Investments (Detail) - USD ($) $ in Millions 3 Months Ended 6 Months Ended Jun. 30, 2024 Mar. 31, 2024 Jun. 30, 2023 Mar. 31, 2023 Jun. 30, 2024 Jun. 30, 2023 Schedule Of Equity Method Investments [Line Items] Â Â Â Â Â Â Net income (loss) $ 31 $ (307) $ (121) $ (232) $ (276) $ (353) Ma'aden Joint Venture [Member] | Equity Method Investment, Nonconsolidated Investee or Group of Investees [Member] Â Â Â Â Â Â Schedule Of Equity Method Investments [Line Items] Â Â Â Â Â Â Sales 804 Â 700 Â 1,515 1,300 Cost of goods sold 613 Â 620 Â 1,212 1,302 Net income (loss) 102 Â (99) Â 94 (351) Equity in net income (loss) of affiliated companies, before reconciling adjustments 26 Â (25) Â 24 (88) Other (4) Â (3) Â (12) (15) Alcoa Corporation [Member] | Ma'aden Joint Venture [Member] Â Â Â Â Â Â Schedule Of Equity Method Investments [Line Items] Â Â Â Â Â Â Alcoa Corporations equity in net income (loss) of affiliated companies 22 Â (28) Â 12 (103) Mining [Member] | Equity Method Investment, Nonconsolidated Investee or Group of Investees [Member] Â Â Â Â Â Â Schedule Of Equity Method Investments [Line Items] Â Â Â Â Â Â Sales 158 Â 172 Â 273 359 Cost of goods sold 104 Â 101 Â 207 204 Net income (loss) 14 Â 14 Â 9 38 Equity in net income (loss) of affiliated companies, before reconciling adjustments 6 Â 6 Â 4 17 Other 0 Â 1 Â 0 1 Mining [Member] | Alcoa Corporation [Member] Â Â Â Â Â Â Schedule Of Equity Method Investments [Line Items] Â Â Â Â Â Â Alcoa Corporations equity in net income (loss) of affiliated companies 6 Â 7 Â 4 18 Energy [Member] | Equity Method Investment, Nonconsolidated Investee or Group of Investees [Member] Â Â Â Â Â Â Schedule Of Equity Method Investments [Line Items] Â Â Â Â Â Â Sales 59 Â 59 Â 122 117 Cost of goods sold 25 Â 32 Â 50 59 Net income (loss) 29 Â 22 Â 60 46 Equity in net income (loss) of affiliated companies, before reconciling adjustments 11 Â 9 Â 23 18 Other 0 Â 1 Â (1) 1 Energy [Member] | Alcoa Corporation [Member] Â Â Â Â Â Â Schedule Of Equity Method Investments [Line Items] Â Â Â Â Â Â Alcoa Corporations equity in net income (loss) of affiliated companies 11 Â 10 Â 22 19 Other [Member] | Equity Method Investment, Nonconsolidated Investee or Group of Investees [Member] Â Â Â Â Â Â Schedule Of Equity Method Investments [Line Items] Â Â Â Â Â Â Sales 114 Â 116 Â 229 237 Cost of goods sold 104 Â 106 Â 209 219 Net income (loss) (20) Â (33) Â (36) (49) Equity in net income (loss) of affiliated companies, before reconciling adjustments (9) Â (15) Â (17) (23) Other 12 Â 7 Â 7 0 Other [Member] | Alcoa Corporation [Member] Â Â Â Â Â Â Schedule Of Equity Method Investments [Line Items] Â Â Â Â Â Â Alcoa Corporations equity in net income (loss) of affiliated companies $ 3 Â $ (8) Â $ (10) $ (23) X - DefinitionThis item represents the entity's proportionate share for the period of the net income (loss) of its investee (such as unconsolidated subsidiaries and joint ventures) to which the equity method of accounting is applied before reconciling adjustments. + ReferencesNo definition available. + Details Name: aa_IncomeLossFromEquityMethodInvestmentBeforeReconcilingAdjustments Namespace Prefix: aa_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionThis item represents adjustments made to determine the entity's proportionate share for the period of the net income (loss) of its investee (such as unconsolidated subsidiaries and joint ventures) to which the equity method of accounting is applied. + ReferencesNo definition available. + Details Name: aa_IncomeLossFromEquityMethodInvestmentsReconcilingAdjustments Namespace Prefix: aa_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionThe aggregate cost of goods produced and sold and services rendered during the reporting period. + ReferencesReference 1: http://www.xbrl.org/2003/role/exampleRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 48 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482785/280-10-55-48Reference 2: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 2 -Subparagraph (SX 210.5-03(2)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483621/220-10-S99-2Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 235 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.4-08(g)(1)(ii)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480678/235-10-S99-1Reference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 323 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481687/323-10-50-3Reference 5: http://www.xbrl.org/2003/role/disclosureRef -Topic 825 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 28 -Subparagraph (f) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482907/825-10-50-28Reference 6: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(i)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 7: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(ii)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 8: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(iii)(A)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 9: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(iv)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 10: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(5)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 11: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(4)(i)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 12: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(4)(iii)(A)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 13: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(4)(iii)(B)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 14: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(4)(iv)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 15: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(5)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1B + Details Name: us-gaap_CostOfRevenue Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionAmount of income (loss) for proportionate share of equity method investee's income (loss). + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section 45 -Paragraph 28 -Subparagraph (b) -SubTopic 10 -Topic 230 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-28Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 270 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (i) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482964/270-10-50-1Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 32 -Subparagraph (ee) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-32Reference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 944 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.7-04(10)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477250/944-220-S99-1Reference 5: http://www.xbrl.org/2003/role/disclosureRef -Topic 323 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 1 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481664/323-10-45-1Reference 6: http://www.xbrl.org/2003/role/disclosureRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 22 -Subparagraph (g) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-22Reference 7: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 2 -Subparagraph (SX 210.5-03(12)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483621/220-10-S99-2Reference 8: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 942 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.9-04(13)(f)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478524/942-220-S99-1 + Details Name: us-gaap_IncomeLossFromEquityMethodInvestments Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionThe consolidated profit or loss for the period, net of income taxes, including the portion attributable to the noncontrolling interest. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 6 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-6Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 9 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-9Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 805 -SubTopic 60 -Name Accounting Standards Codification -Section 65 -Paragraph 1 -Subparagraph (g) -Publisher FASB -URI https://asc.fasb.org/1943274/2147476176/805-60-65-1Reference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 740 -SubTopic 323 -Name Accounting Standards Codification -Section 65 -Paragraph 2 -Subparagraph (g)(3) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478666/740-323-65-2Reference 5: http://www.xbrl.org/2003/role/disclosureRef -Topic 235 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.4-08(g)(1)(ii)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480678/235-10-S99-1Reference 6: http://www.xbrl.org/2003/role/disclosureRef -Topic 323 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481687/323-10-50-3Reference 7: http://www.xbrl.org/2003/role/disclosureRef -Topic 825 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 28 -Subparagraph (f) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482907/825-10-50-28Reference 8: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (b)(2) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-1Reference 9: http://www.xbrl.org/2003/role/disclosureRef -Topic 815 -SubTopic 40 -Name Accounting Standards Codification -Section 65 -Paragraph 1 -Subparagraph (f) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480175/815-40-65-1Reference 10: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 8 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-8Reference 11: http://www.xbrl.org/2003/role/exampleRef -Topic 946 -SubTopic 830 -Name Accounting Standards Codification -Section 55 -Paragraph 11 -Publisher FASB -URI https://asc.fasb.org/1943274/2147479168/946-830-55-11Reference 12: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 205 -Name Accounting Standards Codification -Section 45 -Paragraph 3 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480909/946-205-45-3Reference 13: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 220 -Name Accounting Standards Codification -Section 45 -Paragraph 7 -Publisher FASB -URI https://asc.fasb.org/1943274/2147479105/946-220-45-7Reference 14: http://www.xbrl.org/2003/role/disclosureRef -Topic 944 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.7-04(16)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477250/944-220-S99-1Reference 15: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.6-07(9)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479134/946-220-S99-1Reference 16: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 3 -Subparagraph (SX 210.6-09(1)(d)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479134/946-220-S99-3Reference 17: http://www.xbrl.org/2003/role/disclosureRef -Topic 810 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 19 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481231/810-10-45-19Reference 18: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 6 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482765/220-10-50-6Reference 19: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(i)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 20: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(ii)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 21: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(iii)(A)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 22: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(iv)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 23: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(5)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 24: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(4)(i)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 25: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(4)(iii)(A)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 26: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(4)(iii)(B)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 27: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(4)(iv)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 28: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(5)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 29: http://www.xbrl.org/2003/role/disclosureRef -Topic 942 -SubTopic 235 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.9-05(b)(2)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477314/942-235-S99-1Reference 30: http://www.xbrl.org/2003/role/disclosureRef -Topic 205 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 7 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483499/205-20-50-7Reference 31: http://www.xbrl.org/2003/role/exampleRef -Topic 810 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 4J -Publisher FASB -URI https://asc.fasb.org/1943274/2147481175/810-10-55-4JReference 32:

http://www.xbrl.org/2003/role/exampleRef -Topic 810 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 4K -Publisher FASB -URI https://asc.fasb.org/1943274/2147481175/810-10-55-4KReference 33: http://www.xbrl.org/2003/role/disclosureRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 1A -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482790/220-10-45-1AReference 34: http://www.xbrl.org/2003/role/disclosureRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 1B -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482790/220-10-45-1BReference 35: http://www.xbrl.org/2003/role/disclosureRef -Topic 230 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 2 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-2Reference 36: http://www.xbrl.org/2003/role/disclosureRef -Topic 810 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1A -Subparagraph (a)(1) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481203/810-10-50-1AReference 37: http://www.xbrl.org/2003/role/disclosureRef -Topic 810 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1A -Subparagraph (c)(1) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481203/810-10-50-1A + Details Name: us-gaap_ProfitLoss Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionAmount of revenue recognized from goods sold, services rendered, insurance premiums, or other activities that constitute an earning process. Includes, but is not limited to, investment and interest income before deduction of interest expense when recognized as a component of revenue, and sales and trading gain (loss). + ReferencesReference 1: http://www.xbrl.org/2003/role/exampleRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 48 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482785/280-10-55-48Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 41 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-41Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 270 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (i) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482964/270-10-50-1Reference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 32 -Subparagraph (ee) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-32Reference 5: http://fasb.org/us-gaap/role/ref/otherTransitionRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 32 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-32Reference 6: http://fasb.org/us-gaap/role/ref/otherTransitionRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 32 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-32Reference 7: http://www.xbrl.org/2003/role/disclosureRef -Topic 235 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.4-08(g)(1)(ii)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480678/235-10-S99-1Reference 8: http://www.xbrl.org/2003/role/disclosureRef -Topic 323 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481687/323-10-50-3Reference 9: http://www.xbrl.org/2003/role/disclosureRef -Topic 825 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 28 -Subparagraph (f) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482907/825-10-50-28Reference 10: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(i)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 11: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(ii)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 12: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(iii)(A)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 13: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(iv)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 14: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(5)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 15: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(4)(i)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 16: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(4)(iii)(A)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 17: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(4)(iii)(B)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 18: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(4)(iv)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 19: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(5)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 20: http://www.xbrl.org/2003/role/disclosureRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 30 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-30Reference 21: http://www.xbrl.org/2003/role/disclosureRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 42 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-42Reference 22: http://www.xbrl.org/2003/role/disclosureRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 22 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-22Reference 23: http://www.xbrl.org/2003/role/disclosureRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 40 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-40Reference 24: http://www.xbrl.org/2003/role/disclosureRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 22 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-22Reference 25: http://www.xbrl.org/2003/role/disclosureRef -Topic 942 -SubTopic 235 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.9-05(b)(2)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477314/942-235-S99-1Reference 26: http://www.xbrl.org/2003/role/disclosureRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 2 -Subparagraph (SX 210.5-03(1)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483661/220-10-S99-2 + Details Name: us-gaap_Revenues Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionLine items represent financial concepts included in a table. These concepts are used to disclose reportable information associated with domain members defined in one or many axes to the table. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 235 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.4-08(g)(1)(ii)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480678/235-10-S99-1Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 323 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481687/323-10-50-3Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 825 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 28 -Subparagraph (f) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482907/825-10-50-28Reference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 323 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Subparagraph (a)(1) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481687/323-10-50-3Reference 5: http://www.xbrl.org/2003/role/disclosureRef -Topic 323 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Subparagraph (a)(2) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481687/323-10-50-3Reference 6: http://www.xbrl.org/2003/role/disclosureRef -Topic 323 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481687/323-10-50-3 + Details Name: us-gaap_ScheduleOfEquityMethodInvestmentsLineItems Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - Details Name: dei_LegalEntityAxis=aa_MaadenJointVentureMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_EquityMethodInvestmentNonconsolidatedInvesteeAxis=us-gaap_EquityMethodInvestmentNonconsolidatedInvesteeOrGroupOfInvesteesMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: srt_ScheduleOfEquityMethodInvestmentEquityMethodInvesteeNameAxis=aa_AlcoaCorporationMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: srt_ProductOrServiceAxis=aa_MiningMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: srt_ProductOrServiceAxis=aa_EnergyMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: srt_ProductOrServiceAxis=aa_OtherProductsMember Namespace Prefix: Data Type: na Balance Type: Period Type: XML 65 R53.htm IDEA: XBRL DOCUMENT v3.24.2.u1 Investments - Additional Information (Detail) - USD ($) 3 Months Ended 6 Months Ended Dec. 31, 2022 Jun. 30, 2024 Mar. 31, 2013 Alcoa Corporation [Member] Â Â Â Schedule Of Equity Method Investments [Line Items] Â Â Â Charges recorded $ 21,000,000 $ 62,000,000 Â Alcoa Corporation [Member] | Other Nonoperating Income Expense [Member] Â Â Â Schedule Of Equity Method Investments [Line Items] Â Â Â Adjustment recorded Â 41,000,000 Â ELYSIS TM Limited Partnership [Member] Â Â Â Schedule Of Equity Method Investments [Line Items] Â Â Â Basis in interest, due to share of losses Â 0 $ 0 Unrecognized losses Â $ 66,000,000 Â X - DefinitionBasis in investment, due to share of losses. + ReferencesNo definition available. + Details Name: aa_BasisInInvestmentDueToShareOfLosses Namespace Prefix: aa_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - DefinitionEquity method investment unrecognized gain (loss). + ReferencesNo definition available. + Details Name: aa_EquityMethodInvestmentUnrecognizedGainLoss Namespace Prefix: aa_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionJoint venture recorded dispute adjustment with industrial utility. + ReferencesNo definition available. + Details Name: aa_JointVentureRecordedDisputeAdjustmentWithIndustrialUtility Namespace Prefix: aa_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionJoint venture recorded dispute charges with industrial utility. + ReferencesNo definition available. + Details Name: aa_JointVentureRecordedDisputeChargesWithIndustrialUtility Namespace Prefix: aa_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionLine items represent financial concepts included in a table. These concepts are used to disclose reportable information associated with domain members defined in one or many axes to the table. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 235 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.4-08(g)(1)(ii)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480678/235-10-S99-1Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 323 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481687/323-10-50-3Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 825 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 28 -Subparagraph (f) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482907/825-10-50-28Reference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 323 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Subparagraph (a)(1) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481687/323-10-50-3Reference 5: http://www.xbrl.org/2003/role/disclosureRef -Topic 323 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Subparagraph (a)(2) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481687/323-10-50-3Reference 6: http://www.xbrl.org/2003/role/disclosureRef -Topic 323 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481687/323-10-50-3 + Details Name: us-gaap_ScheduleOfEquityMethodInvestmentsLineItems Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - Details Name: dei_LegalEntityAxis=aa_AlcoaCorporationMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_IncomeStatementLocationAxis=us-gaap_OtherNonoperatingIncomeExpenseMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: srt_ScheduleOfEquityMethodInvestmentEquityMethodInvesteeNameAxis=aa_ElysisLimitedPartnershipMember Namespace Prefix: Data Type: na Balance Type: Period Type: XML 66 R54.htm IDEA: XBRL DOCUMENT v3.24.2.u1 Receivables - Additional Information (Detail) - Receivables Purchase Agreement Member - USD ($) $ in Millions 3 Months Ended 6 Months Ended 12 Months Ended Jun. 30, 2024 Jun. 30, 2023 Jun. 30, 2024 Jun. 30, 2023 Dec. 31, 2023 Accounts, Notes, Loans and Financing Receivable [Line Items] Â Â Â Â Â Sale of gross customer receivables $ 293 $ 98 $ 600 $ 174 Â Reinvested collections from previously sold receivables 293 104 584 127 Â Cash proceeds from financial institution 0 $ 6 16 $ 47 Â Unsold customer receivables as collateral sold receivables Â Â 104 Accounts Payable [Member] Â Â Â Â Â Accounts, Notes, Loans and Financing Receivable [Line Items] Â Â Â Â Â Cash collections from previously sold receivables yet to be reinvested $ 89 Â $ 89 Â 99 Maximum [Member] Â Â Â Â Â Accounts, Notes, Loans and Financing Receivable [Line Items] Â Â Â Â Â Receivables previously secured by credit facility Â Â Â $ 130 X - DefinitionCash collections from previously sold receivables yet to be reinvested. + ReferencesNo definition available. + Details Name: aa_CashCollectionsFromPreviouslySoldReceivablesYetToBeReinvested Namespace Prefix: aa_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionReflects the maximum aggregate revolving value of trade receivables which can be sold. + ReferencesNo definition available. + Details Name: aa_ReceivablesPurchaseAgreement Namespace Prefix: aa_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - DefinitionReinvested collection from previously sold receivables. + ReferencesNo definition available. + Details Name: aa_ReinvestedCollectionFromPreviouslySoldReceivables Namespace Prefix: aa_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionSale of Gross Customer Receivables + ReferencesNo definition available. + Details Name: aa_SaleOfGrossCustomerReceivables Namespace Prefix: aa_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionUnsold Customer Receivables As Collateral Sold Receivables. + ReferencesNo definition available. + Details Name: aa_UnsoldCustomerReceivablesAsCollateralSoldReceivables Namespace Prefix: aa_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionLine items represent financial concepts included in a table. These concepts are used to disclose reportable information associated with domain members defined in one or many axes to the table. + ReferencesReference 1: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 310 -SubTopic 20 -Name Accounting Standards Codification -Section 40 -Paragraph 7 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481628/310-20-40-7Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 310 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 2 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481990/310-10-45-2 + Details Name: us-gaap_AccountsNotesAndLoansReceivableLineItems Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionThe cash inflow from a long-term borrowing issued by the entity involved in financial services operations. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 230 -SubTopic 10 -Section 45 -Paragraph 14 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-14 + Details Name: us-gaap_ProceedsFromIssuanceOfFinancialServicesObligations Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - Details Name: us-gaap_TypeOfArrangementAxis=aa_ReceivablesPurchaseAgreementMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_ExtinguishmentOfDebtAxis=us-gaap_AccountsPayableMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: srt_RangeAxis=srt_MaximumMember Namespace Prefix: Data Type: na Balance Type: Period Type: XML 67 R55.htm IDEA: XBRL DOCUMENT v3.24.2.u1 Inventories - Schedule of Inventory Components (Detail) - USD ($) $ in Millions Jun. 30, 2024 Dec. 31, 2023 Inventory Disclosure [Abstract] Â Â Finished goods $ 320 $ 355 Work-in-process 268 287 Bauxite and alumina 530 586 Purchased raw materials 612 700 Operating supplies 245 230 Inventories, total $ 1,975 $ 2,158 X - ReferencesNo definition available. + Details Name: us-gaap_InventoryDisclosureAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionCarrying amount, net of valuation reserves and adjustments, as of the balance sheet date of merchandise or goods held by the company that are readily available for sale. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 330 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 2 -Subparagraph (SAB Topic 5.BB) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480581/330-10-S99-2Reference 2: http://www.xbrl.org/2003/role/exampleRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(6)(a)(1)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1 + Details Name: us-gaap_InventoryFinishedGoodsNetOfReserves Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - DefinitionAmount after valuation and LIFO reserves of inventory expected to be sold, or consumed within one year or operating cycle, if longer. + ReferencesReference 1: http://www.xbrl.org/2003/role/exampleRef -Topic 852 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 10 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481372/852-10-55-10Reference 2: http://www.xbrl.org/2003/role/exampleRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 1 -Subparagraph (b) -Publisher FASB -URI

https://asc.fasb.org/1943274/2147483467/210-10-45-1Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(6)) -Publisher FASB -URI https://asc.fasb.org/1943274/247480566/210-10-S99-1 + Details Name: us-gaap_InventoryNet Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - DefinitionCarrying amount, net of valuation reserves and adjustments, as of the balance sheet date of unprocessed items to be consumed in the manufacturing or production process. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 330 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 2 -Subparagraph (SAB Topic 5.BB) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480581/330-10-S99-2Reference 2: http://www.xbrl.org/2003/role/exampleRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(6)(a)(4)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1 + Details Name: us-gaap_InventoryRawMaterialsNetOfReserves Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - DefinitionCarrying amount, net of valuation reserves and adjustments, as of the balance sheet date of products used directly or indirectly in the manufacturing or production process, which may or may not become part of the final product. May also include items used in the storage, presentation or transportation of physical goods. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 330 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 2 -Subparagraph (SAB Topic 5.BB) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480581/330-10-S99-2Reference 2: http://www.xbrl.org/2003/role/exampleRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(6)(a)(5)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1 + Details Name: us-gaap_InventorySuppliesNetOfReserves Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - DefinitionCarrying amount, net of reserves and adjustments, as of the balance sheet date of merchandise or goods which are partially completed. This inventory is generally comprised of raw materials, labor and factory overhead costs, which require further materials, labor and overhead to be converted into finished goods, and which generally require the use of estimates to determine percentage complete and pricing. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 330 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 2 -Subparagraph (SAB Topic 5.BB) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480581/330-10-S99-2Reference 2: http://www.xbrl.org/2003/role/exampleRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(6)(a)(3)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1 + Details Name: us-gaap_InventoryWorkInProcessNetOfReserves Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - DefinitionAmount, after of valuation reserves and allowances, of inventory, classified as other, expected to be sold, or consumed within one year or operating cycle, if longer. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 330 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 2 -Subparagraph (SAB Topic 5.BB) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480581/330-10-S99-2Reference 2: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(6)(a)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1 + Details Name: us-gaap_OtherInventoryNetOfReserves Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant XML 68 R56.htm IDEA: XBRL DOCUMENT v3.24.2.u1 Goodwill - Summary of Goodwill which is Included in Other Noncurrent Assets (Detail) - USD ($) $ in Millions Jun. 30, 2024 Dec. 31, 2023 Goodwill [Line Items] Â Â Goodwill $ 144 $ 146 X - DefinitionAmount, after accumulated impairment loss, of asset representing future economic benefit arising from other asset acquired in business combination or from joint venture formation or both, that is not individually identified and separately recognized. + ReferencesReference 1: http://www.xbrl.org/2003/role/exampleRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 49 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482785/280-10-55-49Reference 2: http://www.xbrl.org/2003/role/exampleRef -Topic 350 -SubTopic 20 -Name Accounting Standards Codification -Section 55 -Paragraph 24 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482548/350-20-55-24Reference 3: http://www.xbrl.org/2003/role/exampleRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 100 -Subparagraph (d) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482078/820-10-55-100Reference 4: http://www.xbrl.org/2003/role/exampleRef -Topic 852 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 10 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481372/852-10-55-10Reference 5: http://www.xbrl.org/2003/role/disclosureRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(15)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 6: http://www.xbrl.org/2003/role/disclosureRef -Topic 350 -SubTopic 20 -Name Accounting Standards Codification -Section 45 -Paragraph 1 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482598/350-20-45-1Reference 7: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 350 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482573/350-20-50-1Reference 8: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 350 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (h) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482573/350-20-50-1Reference 9: http://www.xbrl.org/2003/role/disclosureRef -Topic 942 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.9-03(10)(1)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478546/942-210-S99-1 + Details Name: us-gaap_Goodwill Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - DefinitionLine items represent financial concepts included in a table. These concepts are used to disclose reportable information associated with domain members defined in one or many axes to the table. + ReferencesReference 1: http://www.xbrl.org/2003/role/exampleRef -Topic 350 -SubTopic 20 -Name Accounting Standards Codification -Section 55 -Paragraph 24 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482548/350-20-55-24Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 350 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482573/350-20-50-2Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 350 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482573/350-20-50-1Reference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 350 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482573/350-20-50-1Reference 5: http://www.xbrl.org/2003/role/disclosureRef -Topic 350 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482573/350-20-50-1Reference 6: http://www.xbrl.org/2003/role/disclosureRef -Topic 350 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482573/350-20-50-1Reference 7: http://www.xbrl.org/2003/role/disclosureRef -Topic 350 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (d) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482573/350-20-50-1Reference 8: http://www.xbrl.org/2003/role/disclosureRef -Topic 350 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (e) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482573/350-20-50-1Reference 9: http://www.xbrl.org/2003/role/disclosureRef -Topic 350 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (f) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482573/350-20-50-1Reference 10: http://www.xbrl.org/2003/role/disclosureRef -Topic 350 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (g) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482573/350-20-50-1Reference 11: http://www.xbrl.org/2003/role/disclosureRef -Topic 350 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (h) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482573/350-20-50-1Reference 12: http://www.xbrl.org/2003/role/disclosureRef -Topic 350 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1A -Publisher FASB -URI https://asc.fasb.org/1943274/2147482573/350-20-50-1A + Details Name: us-gaap_GoodwillLineItems Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration XML 69 R57.htm IDEA: XBRL DOCUMENT v3.24.2.u1 Goodwill - Summary of Goodwill which is Included in Other Noncurrent Assets (Parenthetical) (Detail) - USD ($) $ in Millions Jun. 30, 2024 Dec. 31, 2023 Goodwill [Line Items] Â Â Goodwill $ 144 $ 146 X - DefinitionAmount, after accumulated impairment loss, of asset representing future economic benefit arising from other asset acquired in business combination or from joint venture formation or both, that is not individually identified and separately recognized. + ReferencesReference 1: http://www.xbrl.org/2003/role/exampleRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 49 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482785/280-10-55-49Reference 2: http://www.xbrl.org/2003/role/exampleRef -Topic 350 -SubTopic 20 -Name Accounting Standards Codification -Section 55 -Paragraph 24 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482548/350-20-55-24Reference 3: http://www.xbrl.org/2003/role/exampleRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 100 -Subparagraph (d) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482078/820-10-55-100Reference 4: http://www.xbrl.org/2003/role/exampleRef -Topic 852 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 10 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481372/852-10-55-10Reference 5: http://www.xbrl.org/2003/role/disclosureRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(15)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 6: http://www.xbrl.org/2003/role/disclosureRef -Topic 350 -SubTopic 20 -Name Accounting Standards Codification -Section 45 -Paragraph 1 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482598/350-20-45-1Reference 7: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 350 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482573/350-20-50-1Reference 8: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 350 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (h) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482573/350-20-50-1Reference 9: http://www.xbrl.org/2003/role/disclosureRef -Topic 942 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.9-03(10)(1)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478546/942-210-S99-1 + Details Name: us-gaap_Goodwill Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - DefinitionLine items represent financial concepts included in a table. These concepts are used to disclose reportable information associated with domain members defined in one or many axes to the table. + ReferencesReference 1: http://www.xbrl.org/2003/role/exampleRef -Topic 350 -SubTopic 20 -Name Accounting Standards Codification -Section 55 -Paragraph 24 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482548/350-20-55-24Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 350 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482573/350-20-50-2Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 350 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482573/350-20-50-1Reference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 350 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482573/350-20-50-1Reference 5: http://www.xbrl.org/2003/role/disclosureRef -Topic 350 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482573/350-20-50-1Reference 6: http://www.xbrl.org/2003/role/disclosureRef -Topic 350 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482573/350-20-50-1Reference 7: http://www.xbrl.org/2003/role/disclosureRef -Topic 350 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (d) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482573/350-20-50-1Reference 8: http://www.xbrl.org/2003/role/disclosureRef -Topic 350 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (e) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482573/350-20-50-1Reference 9: http://www.xbrl.org/2003/role/disclosureRef -Topic 350 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (f) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482573/350-20-50-1Reference 10: http://www.xbrl.org/2003/role/disclosureRef -Topic 350 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (g) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482573/350-20-50-1Reference 11: http://www.xbrl.org/2003/role/disclosureRef -Topic 350 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (h) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482573/350-20-50-1Reference 12: http://www.xbrl.org/2003/role/disclosureRef -Topic 350 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1A -Publisher FASB -URI https://asc.fasb.org/1943274/2147482573/350-20-50-1A + Details Name: us-gaap_GoodwillLineItems Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration XML 70 R58.htm IDEA: XBRL DOCUMENT v3.24.2.u1 Debt - Additional Information (Detail) ÂĄ in Millions 1 Months Ended 3 Months Ended 6 Months Ended Aug. 01, 2024 USD ($) Apr. 26, 2024 Mar. 31, 2024 USD ($) Jun. 30, 2024 USD ($) Jun. 30, 2023 USD ($) Jun. 30, 2024 USD ($) Jun. 30, 2024 JPY (Â¥) Jun. 30, 2023 USD ($) Dec. 31, 2023 USD ($) Apr. 30, 2023 USD ($) Debt Instrument [Line Items] Â Â Â Â Â Â Â Â Â Short-term borrowings Â Â Â Â Â Â $ 31,000,000 Â $ 31,000,000 Â $ 56,000,000 Â Borrowings of inventory related to agreement Â Â 24,000,000 Â 45,000,000 Â $ 25,000,000 Â Â Repurchase of inventory related to agreement Â Â $ 45,000,000 $ 15,000,000 $ 70,000,000 Â 15,000,000 Â Â Alcoa Nederland Holding BV [Member] | 7.125% Notes, due 2031 [Member] Â Â Â Â Â Â Â Â Â Debt Instrument [Line Items] Â Â Â Â Â Â Â Â Â Letters of credit Â Â $ 750,000,000 Â Â Â Â Â Proceeds from issuance of public debt offering Â Â $ 737,000,000 Â Â Â Â Â Â Senior notes, interest percentage Â Â 7.125% Â Â Â Â Â Â Debt instrument, frequency of periodic payment Â Â Â Â Â Â semi-annually semi-annually Â Â Debt instrument, date of first required payment Â Â Sep. 15, 2024 Â Â Â Â Â Â Alcoa Nederland Holding BV [Member] | 7.125% Notes, due 2031 [Member] | After March 15, 2027 [Member] | Minimum [Member] Â Â Â Â Â Â Â Â Â Debt Instrument [Line Items] Â Â Â Â Â Â Â Â Â Debt instrument redemption period Â Â Â Â 10 days 10 days Â Â Alcoa Nederland Holding BV [Member] | 7.125% Notes, due 2031 [Member] | After March 15, 2027 [Member] | Maximum [Member] Â Â Â Â Â Â Â Â Â Debt Instrument [Line Items] Â Â Â Â Â Â Â Â Â Debt instrument redemption period Â Â Â Â 60 days 60 days Â Â Â Debt instrument redemption price percentage Â Â Â Â 103.563% 103.563% Â Â Alcoa Nederland Holding BV [Member] | 7.125% Notes, due 2031 [Member] | Change in Control [Member] | Maximum [Member] Â Â Â Â Â Â Â Â Â Debt Instrument [Line Items] Â Â Â Â Â Â Â Â Â Debt instrument redemption price percentage Â Â Â Â 101.00% 101.00% Â Â Alcoa Nederland Holding BV [Member] | 4.125% Notes, due 2029 [Member] Â Â Â Â Â Â Â Â Â Debt Instrument [Line Items] Â Â Â Â Â Â Â Â Â Senior notes, interest percentage Â Â Â Â 4.125% 4.125% Â Â Â Revolving Credit Facility [Member] Â Â Â Â Â Â Â Â Â Debt Instrument [Line Items] Â Â Â Â Â Â Â Â Â Letters of credit Â Â $ 0 Â $ 0 Â 0 Â Amounts borrowed under the credit facility Â Â 0 0 0 0 Â Line of credit facility, outstanding borrowings Â Â 1,250,000,000 Â 1,250,000,000 Â Â Â $250 Japanese Yen Revolving Credit Facility [Member] Â Â Â Â Â Â Â Â Â Debt Instrument [Line Items] Â Â Â Â Â Â Â Â Â Letters of credit Â Â 0 Â 0 Â $ 0 Â Amounts borrowed under the credit facility Â Â $ 0 $ 0 201,000,000 Â¥ 29,686 $ 0 Â Amounts repaid under the credit facility Â Â Â Â $ 196,000,000 Â¥ 29,686 Â Â Unsecured revolving credit facility Â Â Â Â $ 250,000,000 Credit facility expiration date Â Â Â Â Â Apr. 30, 2025 Apr. 30, 2025 Â Â Â Extended maturity date of credit facility Â 2025-04 Â Â Â Â Â Â Alumina Limited Revolving Credit Facility [Member] | Subsequent Event [Member] Â Â Â Â Â Â Â Â Â Debt Instrument [Line Items] Â Â Â Â Â Â Â Â Â Unsecured revolving credit facility $ 500,000,000 Â Â Â Â Â Â Line of credit assumed 385,000,000 Â Â Â Â Â Â Alumina Limited Revolving Credit Facility [Member] | Subsequent Event [Member] | Due in October 2025 [Member] Â Â Â Â Â Â Â Â Â Debt Instrument [Line Items] Â Â Â Â Â Â Â Â Â Unsecured revolving credit facility $ 100,000,000 Â Â Â Â Â Â Extended maturity date of credit facility 2025-10 Â Â Â Â Â Â Alumina Limited Revolving Credit Facility [Member] | Subsequent Event [Member] | Due in January 2026 [Member] Â Â Â Â Â Â Â Â Â Debt Instrument [Line Items] Â Â Â Â Â Â Â Â Â Unsecured revolving credit facility $ 150,000,000 Â Â Â Â Â Â Extended maturity date of credit facility 2026-01 Â Â Â Â Â Â Alumina Limited Revolving Credit Facility [Member] | Subsequent Event [Member] | Due in July 2026 [Member] Â Â Â Â Â Â Â Â Â Debt Instrument [Line Items] Â Â Â Â Â Â Â Â Â Unsecured revolving credit facility $ 150,000,000 Â Â Â Â Â Â Extended maturity date of credit facility 2026-07 Â Â Â Â Â Â Alumina Limited Revolving Credit Facility [Member] | Subsequent Event [Member] | Due in June 2027 [Member] Â Â Â Â Â Â Â Â Â Debt Instrument [Line Items] Â Â Â Â Â Â Â Â Â Unsecured revolving credit facility $ 100,000,000 Â Â Â Â Â Â Extended maturity date of credit facility 2027-06 Â Â Â Â Â Â X - DefinitionDebt instrument redemption period. + ReferencesNo definition available. + Details Name: aa_DebtInstrumentRedemptionPeriod Namespace Prefix: aa_ Data Type: xbrli:durationItemType Balance Type: na Period Type: duration X - DefinitionExtended maturity date of credit facility. + ReferencesNo definition available. + Details Name: aa_ExtendedMaturityDateOfCreditFacility Namespace Prefix: aa_ Data Type: xbrli:gYearMonthItemType Balance Type: na Period Type: duration X - DefinitionRepurchase of

inventory related to agreement. + ReferencesNo definition available. + Details Name: aa_RepurchaseOfInventoryRelatedToAgreement Namespace Prefix: aa_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionShort term borrowings of inventory related to agreement. + ReferencesNo definition available. + Details Name: aa_ShortTermBorrowingsOfInventoryRelatedToAgreement Namespace Prefix: aa_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionDate the debt agreement requires the first payment to be made, in YYYY-MM-DD format. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(22)) -SubParagraph 10 -Topic 210 -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 2: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 942 -SubTopic 470 -Section 50 -Paragraph 3 -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477734/942-470-50-3 + Details Name: us-gaap_DebtInstrumentDateOfFirstRequiredPayment1 Namespace Prefix: us-gaap_ Data Type: xbrli:dateItemType Balance Type: na Period Type: duration X - DefinitionFace (par) amount of debt instrument at time of issuance. + ReferencesReference 1: http://www.xbrl.org/2003/role/exampleRef -Topic 835 -SubTopic 30 -Name Accounting Standards Codification -Section 55 -Paragraph 8 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482949/835-30-55-8Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1B -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481139/470-20-50-1BReference 3: http://www.xbrl.org/2003/role/exampleRef -Topic 470 -SubTopic 20 -Name Accounting Standards Codification -Section 55 -Paragraph 69B -Publisher FASB -URI https://asc.fasb.org/1943274/2147481568/470-20-55-69BReference 4: http://www.xbrl.org/2003/role/exampleRef -Topic 470 -SubTopic 20 -Name Accounting Standards Codification -Section 55 -Paragraph 69C -Publisher FASB -URI https://asc.fasb.org/1943274/2147481568/470-20-55-69CReference 5: http://www.xbrl.org/2003/role/disclosureRef -Topic 835 -SubTopic 30 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482900/835-30-50-1Reference 6: http://www.xbrl.org/2003/role/disclosureRef -Topic 835 -SubTopic 30 -Name Accounting Standards Codification -Section 45 -Paragraph 2 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482925/835-30-45-2 + Details Name: us-gaap_DebtInstrumentFaceAmount Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionDescription of the frequency of periodic payments (monthly, quarterly, annual). + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(22)) -SubParagraph 10 -Topic 210 -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 2: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 942 -SubTopic 470 -Section 50 -Paragraph 3 -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477734/942-470-50-3 + Details Name: us-gaap_DebtInstrumentFrequencyOfPeriodicPayment Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionContractual interest rate for funds borrowed, under the debt agreement. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(22) (a)(1)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1B -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481139/470-20-50-1B + Details Name: us-gaap_DebtInstrumentInterestRateStatedPercentage Namespace Prefix: us-gaap_ Data Type: dtr-types:percentItemType Balance Type: na Period Type: instant X - DefinitionLine items represent financial concepts included in a table. These concepts are used to disclose reportable information associated with domain members defined in one or many axes to the table. + ReferencesReference 1: http://www.xbrl.org/2003/role/exampleRef -Topic 835 -SubTopic 30 -Name Accounting Standards Codification -Section 55 -Paragraph 8 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482949/835-30-55-8Reference 2: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 235 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.4-08(f)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480678/235-10-S99-1Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 235 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 3 -Subparagraph (SX 210.12-04(a)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480678/235-10-S99-3Reference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1B -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481139/470-20-50-1BReference 5: http://www.xbrl.org/2003/role/exampleRef -Topic 470 -SubTopic 20 -Name Accounting Standards Codification -Section 55 -Paragraph 69B -Publisher FASB -URI https://asc.fasb.org/1943274/2147481568/470-20-55-69BReference 6: http://www.xbrl.org/2003/role/exampleRef -Topic 470 -SubTopic 20 -Name Accounting Standards Codification -Section 55 -Paragraph 69C -Publisher FASB -URI https://asc.fasb.org/1943274/2147481568/470-20-55-69CReference 7: http://www.xbrl.org/2003/role/exampleRef -Topic 470 -SubTopic 20 -Name Accounting Standards Codification -Section 55 -Paragraph 69E -Publisher FASB -URI https://asc.fasb.org/1943274/2147481568/470-20-55-69EReference 8: http://www.xbrl.org/2003/role/exampleRef -Topic 470 -SubTopic 20 -Name Accounting Standards Codification -Section 55 -Paragraph 69F -Publisher FASB -URI https://asc.fasb.org/1943274/2147481568/470-20-55-69FReference 9: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1B -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481139/470-20-50-1BReference 10: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1B -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481139/470-20-50-1BReference 11: http://www.xbrl.org/2003/role/exampleRef -Topic 470 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1B -Subparagraph (d) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481139/470-20-50-1BReference 12: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1B -Subparagraph (e) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481139/470-20-50-1BReference 13: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1B -Subparagraph (f) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481139/470-20-50-1BReference 14: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1B -Subparagraph (h) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481139/470-20-50-1BReference 15: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1D -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481139/470-20-50-1DReference 16: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1D -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481139/470-20-50-1DReference 17: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1D -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481139/470-20-50-1DReference 18: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1E -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481139/470-20-50-1EReference 19: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1E -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481139/470-20-50-1EReference 20: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1E -Subparagraph (d) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481139/470-20-50-1EReference 21: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1F -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481139/470-20-50-1FReference 22: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1F -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481139/470-20-50-1FReference 23: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1F -Subparagraph (b)(1) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481139/470-20-50-1FReference 24: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1F -Subparagraph (b)(2) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481139/470-20-50-1FReference 25: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 11 -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481139/470-20-50-1Reference 26: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 835 -SubTopic 30 -Name Accounting Standards Codification -Section 45 -Paragraph 2 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482925/835-30-45-2Reference 27: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 835 -SubTopic 30 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482900/835-30-50-1 + Details Name: us-gaap_DebtInstrumentLineItems Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionPercentage price of original principal amount of debt at which debt can be redeemed by the issuer. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 942 -SubTopic 470 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Subparagraph (e) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477734/942-470-50-3 + Details Name: us-gaap_DebtInstrumentRedemptionPricePercentage Namespace Prefix: us-gaap_ Data Type: dtr-types:percentItemType Balance Type: na Period Type: duration X - DefinitionThe carrying value as of the balance sheet date of the current and noncurrent portions of long-term obligations drawn from a line of credit, which is a bank's commitment to make loans up to a specific amount. Examples of items that might be included in the application of this element may consist of letters of credit, standby letters of credit, and revolving credit arrangements, under which borrowings can be made up to a maximum amount as of any point in time conditional on satisfaction of specified terms before, as of and after the date of drawdowns on the line. Includes short-term obligations that would normally be classified as current liabilities but for which (a) postbalance sheet date issuance of a long term obligation to refinance the short term obligation on a long term basis, or (b) the enterprise has entered into a financing agreement that clearly permits the enterprise to refinance the short-term obligation on a long term basis and the following conditions are met (1) the agreement does not expire within 1 year and is not cancelable by the lender except for violation of an objectively determinable provision, (2) no violation exists at the BS date, and (3) the lender has entered into the financing agreement is expected to be financially capable of honoring the agreement. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(22)) -SubTopic 10 -Topic 210 -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 2: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 942 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.9-03(16)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478546/942-210-S99-1Reference 3: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 944 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.7-03(a)(16)(a)(2)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478777/944-210-S99-1 + Details Name: us-gaap_LineOfCredit Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionThe fair value of line of credit assumed in noncash investing or financing activities. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 230 -SubTopic 10 -Section 50 -Paragraph 4 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482913/230-10-50-4Reference 2: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 230 -SubTopic 10 -Section 50 -Paragraph 3 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482913/230-10-50-3Reference 3: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 230 -SubTopic 10 -Section 50 -Paragraph 5 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482913/230-10-50-5 + Details Name: us-gaap_LineOfCreditAssumed1 Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionDate the credit facility terminates, in YYYY-MM-DD format. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(22)(b)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 2: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(19)(b)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1 + Details Name: us-gaap_LineOfCreditFacilityExpirationDate1 Namespace Prefix: us-gaap_ Data Type: xbrli:dateItemType Balance Type: na Period Type: duration X - DefinitionMaximum borrowing capacity under the credit facility without consideration of any current restrictions on the amount that could be borrowed or the amounts currently outstanding under the facility. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(22)(b)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 2: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(19)(b)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1 + Details Name: us-gaap_LineOfCreditFacilityMaximumBorrowingCapacity Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionThe cash inflow from a debt initially having maturity due after one year or beyond the operating cycle, if longer. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 3 -Subparagraph (SX 210.6-03(i)(1)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479886/946-10-S99-3Reference 2: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 230 -SubTopic 10 -Section 45 -Paragraph 14 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-14 + Details Name: us-gaap_ProceedsFromIssuanceOfLongTermDebt Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionThe cash inflow from a contractual arrangement with the lender, including letter of credit, standby letter of credit and revolving credit arrangements, under which borrowings can be made up to a specific amount at any point in time with maturities due beyond one year or the operating cycle, if longer. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 230 -SubTopic 10 -Section 45 -Paragraph 14 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-14 + Details Name: us-gaap_ProceedsFromLongTermLinesOfCredit Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionThe cash outflow for the settlement of obligation drawn from a contractual arrangement with the lender, including letter of credit, standby letter of credit and revolving credit arrangements, under which borrowings can be made up to a specific amount at any point in time with maturities due beyond one year or the operating cycle, if longer. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 230 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 15 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-15 + Details Name: us-gaap_RepaymentsOfLongTermLinesOfCredit Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionReflects the total carrying amount as of the balance sheet date of debt having initial terms less than one year or the normal operating cycle, if longer. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(19)(a)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 2: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 942 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.9-03(13)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478546/942-210-S99-1Reference 3: http://www.xbrl.org/2003/role/exampleRef -Topic 852 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 10 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481372/852-10-55-10Reference 4: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 944 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.7-03(a)(16)(a)(1)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478777/944-210-S99-1 + Details Name: us-gaap_ShortTermBorrowings Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - Details Name: dei_LegalEntityAxis=aa_AlcoaNederlandHoldingBVMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_DebtInstrumentAxis=aa_SevenPointOneTwoFivePercentageSeniorNotesDueTwoThousandAndThirtyOneMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_DebtInstrumentRedemptionPeriodAxis=us-gaap_DebtInstrumentRedemptionPeriodThreeMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: srt_RangeAxis=srt_MinimumMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: srt_RangeAxis=srt_MaximumMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_DebtInstrumentRedemptionPeriodAxis=us-gaap_DebtInstrumentRedemptionPeriodTwoMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_DebtInstrumentAxis=aa_FourPointOneTwoFivePercentageSeniorNotesDueTwoThousandAndTwentyNineMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_CreditFacilityAxis=us-gaap_RevolvingCreditFacilityMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details

Name: us-gaap_CreditFacilityAxis=aa_DollarTwoHundredAndFiftyJapaneseYenRevolvingCreditFacilityMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_CreditFacilityAxis=aa_AluminaLimitedRevolvingCreditFacilityMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_SubsequentEventTypeAxis=us-gaap_SubsequentEventMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_DebtInstrumentAxis=aa_DueInOctoberTwoThousandAndTwentyFiveMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_DebtInstrumentAxis=aa_DueInJanuaryTwoThousandAndTwentySixMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_DebtInstrumentAxis=aa_DueInJulyTwoThousandAndTwentySixMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_DebtInstrumentAxis=aa_DueInJuneTwoThousandAndTwentySevenMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: XML 71 R59.htm IDEA: XBRL DOCUMENT v3.24.2.u1 Pension and Other Postretirement Benefits - Components of Net Periodic Benefit Cost (Detail) - USD ($) $ in Millions 3 Months Ended 6 Months Ended Jun. 30, 2024 Jun. 30, 2023 Jun. 30, 2024 Jun. 30, 2023 Pension Benefits [Member] Â Â Â Â Defined Benefit Plan Disclosure [Line Items] Â Â Â Â Service cost $ 3 $ 3 $ 5 $ 5 Interest cost [1] 27 29 54 60 Expected return on plan assets [1] (35) (37) (70) (76) Recognized net actuarial loss [1] 8 7 16 14 Curtailments [2] Â 1 Â 1 Settlements [2] (1) 21 (1) 21 Net periodic benefit cost 2 23 5 24 Other Postretirement Benefits [Member] Â Â Â Â Defined Benefit Plan Disclosure [Line Items] Â Â Â Â Service cost Â 1 1 2 Interest cost [1] 6 7 12 13 Recognized net actuarial loss [1] 2 1 3 2 Amortization of prior service benefit [1] (4) (4) (7) (7) Net periodic benefit cost $ 4 $ 5 $ 9 $ 10 [1] These amounts were reported in Other (income) expenses, net on the accompanying Statement of Consolidated Operations (see Note P). [2] These amounts were reported in Restructuring and other charges, net on the accompanying Statement of Consolidated Operations and Cash Flows. X - DefinitionAmount of gain (loss) recognized in net periodic benefit (cost) credit of defined benefit plan. + ReferencesReference 1: http://www.xbrl.org/2003/role/exampleRef -Topic 715 -SubTopic 20 -Name Accounting Standards Codification -Section 55 -Paragraph 17 -Publisher FASB -URI https://asc.fasb.org/1943274/2147480482/715-20-55-17Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 715 -SubTopic 20 -Name Accounting Standards Codification -Section 45 -Paragraph 3A -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480535/715-20-45-3AReference 3: http://www.xbrl.org/2003/role/exampleRef -Topic 715 -SubTopic 20 -Name Accounting Standards Codification -Section 55 -Paragraph 18 -Publisher FASB -URI https://asc.fasb.org/1943274/2147480482/715-20-55-18Reference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 715 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (h)(4) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480506/715-20-50-1Reference 5: http://www.xbrl.org/2003/role/disclosureRef -Topic 715 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 6 -Subparagraph (a)(4) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480506/715-20-50-6 + Details Name: us-gaap_DefinedBenefitPlanAmortizationOfGainsLosses Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionAmount of prior service cost (credit) recognized in net periodic benefit cost (credit) of defined benefit plan. + ReferencesReference 1: http://www.xbrl.org/2003/role/exampleRef -Topic 715 -SubTopic 20 -Name Accounting Standards Codification -Section 55 -Paragraph 17 -Publisher FASB -URI https://asc.fasb.org/1943274/2147480482/715-20-55-17Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 715 -SubTopic 20 -Name Accounting Standards Codification -Section 45 -Paragraph 3A -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480535/715-20-45-3AReference 3: http://www.xbrl.org/2003/role/exampleRef -Topic 715 -SubTopic 20 -Name Accounting Standards Codification -Section 55 -Paragraph 18 -Publisher FASB -URI https://asc.fasb.org/1943274/2147480482/715-20-55-18Reference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 715 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (h)(5) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480506/715-20-50-1Reference 5: http://www.xbrl.org/2003/role/disclosureRef -Topic 715 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 6 -Subparagraph (a)(5) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480506/715-20-50-6 + Details Name: us-gaap_DefinedBenefitPlanAmortizationOfPriorServiceCostCredit Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionLine items represent financial concepts included in a table. These concepts are used to disclose reportable information associated with domain members defined in one or many axes to the table. + ReferencesNo definition available. + Details Name: us-gaap_DefinedBenefitPlanDisclosureLineItems Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionAmount of expected return (loss) recognized in net periodic benefit (cost) credit, calculated based on expected long-term rate of return and market-related value of plan assets of defined benefit plan. + ReferencesReference 1: http://www.xbrl.org/2003/role/exampleRef -Topic 715 -SubTopic 20 -Name Accounting Standards Codification -Section 55 -Paragraph 17 -Publisher FASB -URI https://asc.fasb.org/1943274/2147480482/715-20-55-17Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 715 -SubTopic 20 -Name Accounting Standards Codification -Section 45 -Paragraph 3A -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480535/715-20-45-3AReference 3: http://www.xbrl.org/2003/role/exampleRef -Topic 715 -SubTopic 20 -Name Accounting Standards Codification -Section 55 -Paragraph 18 -Publisher FASB -URI https://asc.fasb.org/1943274/2147480482/715-20-55-18Reference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 715 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (h)(3) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480506/715-20-50-1Reference 5: http://www.xbrl.org/2003/role/disclosureRef -Topic 715 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 6 -Subparagraph (a)(3) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480506/715-20-50-6 + Details Name: us-gaap_DefinedBenefitPlanExpectedReturnOnPlanAssets Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionAmount of cost recognized for passage of time related to defined benefit plan. + ReferencesReference 1: http://www.xbrl.org/2003/role/exampleRef -Topic 715 -SubTopic 20 -Name Accounting Standards Codification -Section 55 -Paragraph 17 -Publisher FASB -URI https://asc.fasb.org/1943274/2147480482/715-20-55-17Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 715 -SubTopic 20 -Name Accounting Standards Codification -Section 45 -Paragraph 3A -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480535/715-20-45-3AReference 3: http://www.xbrl.org/2003/role/exampleRef -Topic 715 -SubTopic 20 -Name Accounting Standards Codification -Section 55 -Paragraph 18 -Publisher FASB -URI https://asc.fasb.org/1943274/2147480482/715-20-55-18Reference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 715 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (a)(2) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480506/715-20-50-1Reference 5: http://www.xbrl.org/2003/role/disclosureRef -Topic 715 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (h)(2) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480506/715-20-50-1Reference 6: http://www.xbrl.org/2003/role/disclosureRef -Topic 715 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 6 -Subparagraph (a)(2) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480506/715-20-50-6 + Details Name: us-gaap_DefinedBenefitPlanInterestCost Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionAmount of net periodic benefit cost (credit) for defined benefit plan. + ReferencesReference 1: http://www.xbrl.org/2003/role/exampleRef -Topic 715 -SubTopic 20 -Name Accounting Standards Codification -Section 55 -Paragraph 17 -Publisher FASB -URI https://asc.fasb.org/1943274/2147480482/715-20-55-17Reference 2: http://www.xbrl.org/2003/role/exampleRef -Topic 715 -SubTopic 20 -Name Accounting Standards Codification -Section 55 -Paragraph 18 -Publisher FASB -URI https://asc.fasb.org/1943274/2147480482/715-20-55-18Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 715 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (h) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480506/715-20-50-1Reference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 715 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 6 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480506/715-20-50-6 + Details Name: us-gaap_DefinedBenefitPlanNetPeriodicBenefitCost Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionAmount of gain (loss) recognized in net periodic benefit (cost) credit from event reducing expected years of future service of present employees or eliminating accrual of defined benefits for some or all future services of present employees. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 715 -SubTopic 20 -Name Accounting Standards Codification -Section 45 -Paragraph 3A -Publisher FASB -URI https://asc.fasb.org/1943274/2147480535/715-20-45-3AReference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 715 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (h)(7) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480506/715-20-50-1Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 715 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 6 -Subparagraph (a)(7) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480506/715-20-50-6 + Details Name: us-gaap_DefinedBenefitPlanRecognizedNetGainLossDueToCurtailments Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionAmount of gain (loss) recognized in net periodic benefit (cost) credit from irrevocable action relieving primary responsibility for benefit obligation and eliminating risk related to obligation and assets used to effect settlement. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 715 -SubTopic 20 -Name Accounting Standards Codification -Section 45 -Paragraph 3A -Publisher FASB -URI https://asc.fasb.org/1943274/2147480535/715-20-45-3AReference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 715 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (h)(7) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480506/715-20-50-1Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 715 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 6 -Subparagraph (a)(7) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480506/715-20-50-6 + Details Name: us-gaap_DefinedBenefitPlanRecognizedNetGainLossDueToSettlements1 Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionAmount of cost for actuarial present value of benefits attributed to service rendered by employee for defined benefit plan. + ReferencesReference 1: http://www.xbrl.org/2003/role/exampleRef -Topic 715 -SubTopic 20 -Name Accounting Standards Codification -Section 55 -Paragraph 17 -Publisher FASB -URI https://asc.fasb.org/1943274/2147480482/715-20-55-17Reference 2: http://www.xbrl.org/2003/role/exampleRef -Topic 715 -SubTopic 20 -Name Accounting Standards Codification -Section 55 -Paragraph 18 -Publisher FASB -URI https://asc.fasb.org/1943274/2147480482/715-20-55-18Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 715 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (a)(1) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480506/715-20-50-1Reference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 715 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (h)(1) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480506/715-20-50-1Reference 5: http://www.xbrl.org/2003/role/disclosureRef -Topic 715 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 6 -Subparagraph (a)(1) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480506/715-20-50-6 + Details Name: us-gaap_DefinedBenefitPlanServiceCost Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - Details Name: us-gaap_RetirementPlanTypeAxis=us-gaap_PensionPlansDefinedBenefitMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_RetirementPlanTypeAxis=us-gaap_OtherPostretirementBenefitPlansDefinedBenefitMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: XML 72 R60.htm IDEA: XBRL DOCUMENT v3.24.2.u1 Pension and Other Postretirement Benefits - Additional Information (Detail) - USD ($) 3 Months Ended 6 Months Ended Jan. 08, 2024 Jun. 30, 2024 Jun. 30, 2023 Jun. 30, 2024 Jun. 30, 2023 Defined Benefit Plan Disclosure [Line Items] Â Â Â Â Â Increase (decrease) to other noncurrent assets Â Â Â $ (25,000,000) $ 66,000,000 Action# 1 [Member] Â Â Â Â Â Defined Benefit Plan Disclosure [Line Items] Â Â Â Â Â Increase (decrease) to other noncurrent assets $ (1,000,000) Â Â (1,000,000) Â Curtailment loss (1,000,000) Â Â (1,000,000) Â Curtailment loss after tax $ 0 Â Â Â Â Action #2 [Member] Â Â Â Â Â Defined Benefit Plan Disclosure [Line Items] Â Â Â Â Â Increase (decrease) to other noncurrent assets Â $ 19,000,000 Â 19,000,000 Â Settlement gain Â 1,000,000 Â (1,000,000) Â Settlement gain after tax Â 0 Â Â Â Â United States [Member] Â Â Â Â Â Defined Benefit Plan Disclosure [Line Items] Â Â Â Â Â Minimum required cash contribution to pension plans Â 18,000,000 Â 18,000,000 Â Non-U.S. [Member] Â Â Â Â Â Defined Benefit Plan Disclosure [Line Items] Â Â Â Â Â Minimum required cash contribution to pension plans Â $ 4,000,000 $ 5,000,000 $ 10,000,000 $ 9,000,000 X - DefinitionDefined benefit plan recognized net gain loss due to curtailments after tax. + ReferencesNo definition available. + Details Name: aa_DefinedBenefitPlanRecognizedNetGainLossDueToCurtailmentsAfterTax Namespace Prefix: aa_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionDefined Benefit Plan Recognized Net Gain Loss Due To Settlements1 After Tax + ReferencesNo definition available. + Details Name: aa_DefinedBenefitPlanRecognizedNetGainLossDueToSettlements1AfterTax Namespace Prefix: aa_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionMinimum required cash contribution to pension plan. + ReferencesNo definition available. + Details Name: aa_MinimumRequiredCashContributionToPensionPlan Namespace Prefix: aa_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionLine items represent financial concepts included in a table. These concepts are used to disclose reportable information associated with domain members defined in one or many axes to the table. + ReferencesNo definition available. + Details Name: us-gaap_DefinedBenefitPlanDisclosureLineItems Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionAmount of gain (loss) recognized in net periodic benefit (cost) credit from event reducing expected years of future service of present employees or eliminating accrual of defined benefits for some or all future services of present employees. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 715 -SubTopic 20 -Name Accounting Standards Codification -Section 45 -Paragraph 3A -Publisher FASB -URI https://asc.fasb.org/1943274/2147480535/715-20-45-3AReference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 715 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (h)(7) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480506/715-20-50-1Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 715 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 6 -Subparagraph (a)(7) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480506/715-20-50-6 + Details Name: us-gaap_DefinedBenefitPlanRecognizedNetGainLossDueToCurtailments Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionAmount of gain (loss) recognized in net periodic benefit (cost) credit from irrevocable action relieving primary responsibility for benefit obligation and eliminating risk related to obligation and assets used to effect settlement. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 715 -SubTopic 20 -Name Accounting Standards Codification -Section 45 -Paragraph 3A -Publisher FASB -URI https://asc.fasb.org/1943274/2147480535/715-20-45-3AReference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 715 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (h)(7) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480506/715-20-50-1Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 715 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 6 -Subparagraph (a)(7) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480506/715-20-50-6 + Details Name: us-gaap_DefinedBenefitPlanRecognizedNetGainLossDueToSettlements1 Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionAmount of increase (decrease) in noncurrent assets classified as other. + ReferencesReference 1: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 230 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 28 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-28 + Details Name: us-gaap_IncreaseDecreaseInOtherNoncurrentAssets Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - Details Name: us-gaap_RetirementPlanNameAxis=aa_TwoThousandTwentyFourActionPlanOneMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_RetirementPlanNameAxis=aa_TwoThousandTwentyFourActionPlanTwoMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_RetirementPlanSponsorLocationAxis=country_US Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_RetirementPlanSponsorLocationAxis=us-gaap_ForeignPlanMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: XML 73 R61.htm IDEA: XBRL DOCUMENT v3.24.2.u1 Pension and Other Postretirement Benefits - Summary of Information in Curtailment or Settlement of Benefits Requiring Remeasurement, Update to Discount Rates Used to Determine Benefit Obligations of Affected Plans (Detail) $ in Millions 3 Months Ended 6 Months Ended Jan. 08, 2024 USD ($) Jun. 30, 2024 USD ($) Employees Jun. 30, 2024 USD ($) Employees Jun. 30, 2023 USD ($) Dec. 31, 2023 Defined Benefit Plan Disclosure [Line Items] Â Â Â Â Â Increase (decrease) to other noncurrent assets Â $ (25) $ 66 Â Action# 1 [Member] Â Â Â Â Â Defined Benefit Plan Disclosure [Line Items] Â Â Â Â Â Number of affected plan participants | Employees Â 110 110 Â Â Increase (decrease) to other noncurrent assets $ (1) Â $ (1) Â Â Curtailments $ 1 Â $ 1 Â Â Action #2 [Member] Â Â Â Â Â Defined Benefit Plan Disclosure [Line Items] Â Â Â Â Â Number of affected plan participants | Employees Â 10 10 Â Â Weighted average discount rate Â 5.23% 5.23% Â 4.81% Plan remeasurement date Â Jun. 30, 2024 Â Â Increase (decrease) to other noncurrent assets Â $ 19 $ 19 Â Â Settlement gain Â $ 1 $ (1) Â Â 2024 Plan Actions [Member] Â Â Â Â Â Defined Benefit Plan Disclosure [Line Items] Â Â Â Â Â Number of affected plan participants | Employees Â 120 120 Â Â Increase (decrease) to

other noncurrent assets Â Â $ 18 Â Curtailments Â 1 Â Settlement gain Â $ (1) Â X - DefinitionDefined benefit plan number of plan participants affected. + ReferencesNo definition available. + Details Name: aa_DefinedBenefitPlanNumberOfPlanParticipantsAffected Namespace Prefix: aa_ Data Type: xbrli:integerItemType Balance Type: na Period Type: instant X - DefinitionDefined benefit plan remeasurement date. + ReferencesNo definition available. + Details Name: aa_DefinedBenefitPlanRemeasurementDate Namespace Prefix: aa_ Data Type: xbrli:dateItemType Balance Type: na Period Type: duration X - DefinitionWeighted average rate for present value of future retirement benefits cash flows, used to determine benefit obligation of defined benefit plan. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 715 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (k)(1) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480506/715-20-50-1 + Details Name: us-gaap_DefinedBenefitPlanAssumptionsUsedCalculatingBenefitObligationDiscountRate Namespace Prefix: us-gaap_ Data Type: dtr-types:percentItemType Balance Type: na Period Type: instant X - DefinitionLine items represent financial concepts included in a table. These concepts are used to disclose reportable information associated with domain members defined in one or many axes to the table. + ReferencesNo definition available. + Details Name: us-gaap_DefinedBenefitPlanDisclosureLineItems Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionAmount of gain (loss) recognized in net periodic benefit (cost) credit from event reducing expected years of future service of present employees or eliminating accrual of defined benefits for some or all future services of present employees. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 715 -SubTopic 20 -Name Accounting Standards Codification -Section 45 -Paragraph 3A -Publisher FASB -URI https://asc.fasb.org/1943274/2147480535/715-20-45-3AReference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 715 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (h)(7) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480506/715-20-50-1Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 715 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 6 -Subparagraph (a)(7) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480506/715-20-50-6 + Details Name: us-gaap_DefinedBenefitPlanRecognizedNetGainLossDueToCurtailments Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionAmount of gain (loss) recognized in net periodic benefit (cost) credit from irrevocable action relieving primary responsibility for benefit obligation and eliminating risk related to obligation and assets used to effect settlement. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 715 -SubTopic 20 -Name Accounting Standards Codification -Section 45 -Paragraph 3A -Publisher FASB -URI https://asc.fasb.org/1943274/2147480535/715-20-45-3AReference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 715 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (h)(7) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480506/715-20-50-1Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 715 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 6 -Subparagraph (a)(7) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480506/715-20-50-6 + Details Name: us-gaap_DefinedBenefitPlanRecognizedNetGainLossDueToSettlements1 Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionAmount of increase (decrease) in noncurrent assets classified as other. + ReferencesReference 1: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 230 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 28 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-28 + Details Name: us-gaap_IncreaseDecreaseInOtherNoncurrentAssets Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - Details Name: us-gaap_RetirementPlanNameAxis=aa_TwoThousandTwentyFourActionPlanOneMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_RetirementPlanNameAxis=aa_TwoThousandTwentyFourActionPlanTwoMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_RetirementPlanNameAxis=aa_TwoThousandTwentyFourActionPlansMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - XML 74 R62.htm IDEA: XBRL DOCUMENT v3.24.2.u1 Derivatives and Other Financial Instruments - Additional Information (Detail) kt in Thousands, $ in Millions 3 Months Ended 6 Months Ended Jun. 30, 2024 USD ($) kt Jun. 30, 2023 USD ($) Jun. 30, 2024 USD ($) Jun. 30, 2023 USD ($) Dec. 31, 2023 USD ($) kt Fair Value Assets And Liabilities Measured On Recurring And Nonrecurring Basis [Line Items] Â Â Â Â Â Realized gain (loss) reclassed from Other comprehensive loss to earnings Â (74) $ (27) $ (127) $ (64) Â Unrealized gain (loss) in accumulated other comprehensive loss $ (3,737) Â (3,737) Â $ (3,645) Level 1 Derivative Instruments [Member] Â Â Â Â Â Fair Value Assets And Liabilities Measured On Recurring And Nonrecurring Basis [Line Items] Â Â Â Â Â Realized gain (loss) reclassed from Other comprehensive loss to earnings Â $ 4 44 Â Foreign Exchange Forward | Norway [Member] | Euro Power Purchases [Member] Â Â Â Â Â Fair Value Assets And Liabilities Measured On Recurring And Nonrecurring Basis [Line Items] Â Â Â Â Â Derivative instruments, expiration month and year Â 2026-12 Â Foreign Exchange Forward | Norway [Member] | Krone Capital Expenditures [Member] Â Â Â Â Â Fair Value Assets And Liabilities Measured On Recurring And Nonrecurring Basis [Line Items] Â Â Â Â Â Derivative instruments, expiration month and year Â 2025-06 Â Foreign Exchange Forward | Brazil [Member] Â Â Â Â Â Fair Value Assets And Liabilities Measured On Recurring And Nonrecurring Basis [Line Items] Â Â Â Â Â Derivative instruments, expiration month and year Â 2025-08 Â Foreign Exchange Forward | Canada [Member] Â Â Â Â Â Fair Value Assets And Liabilities Measured On Recurring And Nonrecurring Basis [Line Items] Â Â Â Â Â Derivative instruments, expiration month and year Â 2025-03 Â Sales [Member] Â Â Â Â Â Fair Value Assets And Liabilities Measured On Recurring And Nonrecurring Basis [Line Items] Â Â Â Â Â Realized gain (loss) reclassed from Other comprehensive loss to earnings Â (7) Â (12) Â Cost of Goods Sold [Member] Â Â Â Â Â Fair Value Assets And Liabilities Measured On Recurring And Nonrecurring Basis [Line Items] Â Â Â Â Â Realized gain (loss) reclassed from Other comprehensive loss to earnings Â (4) Â (4) Â Derivatives Designated as Hedging Instruments [Member] | Level 1 Derivative Instruments [Member] Â Â Â Â Â Fair Value Assets And Liabilities Measured On Recurring And Nonrecurring Basis [Line Items] Â Â Â Â Â Realized gain (loss) reclassed from Other comprehensive loss to earnings Â 28 $ 44 Â Derivatives Designated as Hedging Instruments [Member] | Power Contract [Member] Â Â Â Â Â Fair Value Assets And Liabilities Measured On Recurring And Nonrecurring Basis [Line Items] Â Â Â Â Aluminum forecast sales | kt 1,344 Â 1,344 Â 1,456 Derivatives Designated as Hedging Instruments [Member] | Power Contract [Member] | Cash Flow Hedging [Member] Â Â Â Â Â Fair Value Assets And Liabilities Measured On Recurring And Nonrecurring Basis [Line Items] Â Â Â Â Â Amount of (loss) gain expected to be recognized into earnings over the next 12 months Â Â $ (245) Â Â Derivatives Designated as Hedging Instruments [Member] | Sales [Member] | Level 1 Derivative Instruments [Member] Â Â Â Â Â Fair Value Assets And Liabilities Measured On Recurring And Nonrecurring Basis [Line Items] Â Â Â Â Â Realized gain (loss) reclassed from Other comprehensive loss to earnings Â 32 Â 48 Â Derivatives Designated as Hedging Instruments [Member] | Cost of Goods Sold [Member] | Level 1 Derivative Instruments [Member] Â Â Â Â Â Fair Value Assets And Liabilities Measured On Recurring And Nonrecurring Basis [Line Items] Â Â Â Â Â Realized gain (loss) reclassed from Other comprehensive loss to earnings Â $ (4) Â $ 4 Â X - DefinitionAluminum forecasted sales designated as fair value hedges in kilo metric ton. + ReferencesNo definition available. + Details Name: aa_AluminumForecastedSalesDesignatedAsFairValueHedgesInKiloMetricTon Namespace Prefix: aa_ Data Type: dtr-types:massItemType Balance Type: na Period Type: instant X - DefinitionDerivative instrument, maturity month and year. + ReferencesNo definition available. + Details Name: aa_DerivativeInstrumentMaturityMonthAndYear Namespace Prefix: aa_ Data Type: xbrli:gYearMonthItemType Balance Type: na Period Type: duration X - DefinitionAmount, after tax, of accumulated increase (decrease) in equity from transaction and other event and circumstance from nonowner source. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 220 -SubTopic 10 -Section 45 -Paragraph 14A -Publisher FASB -URI https://asc.fasb.org/1943274/2147482790/220-10-45-14AReference 2: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 11 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482790/220-10-45-11Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 944 -SubTopic 40 -Name Accounting Standards Codification -Section 65 -Paragraph 2 -Subparagraph (g)(2)(ii) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480016/944-40-65-2Reference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 944 -SubTopic 40 -Name Accounting Standards Codification -Section 65 -Paragraph 2 -Subparagraph (h)(2) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480016/944-40-65-2Reference 5: http://www.xbrl.org/2003/role/disclosureRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(30)(a)(4)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 6: http://www.xbrl.org/2003/role/disclosureRef -Topic 944 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.7-03(a)(23)(a)(3)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478777/944-210-S99-1Reference 7: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 220 -SubTopic 10 -Section 45 -Paragraph 14 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482790/220-10-45-14 + Details Name: us-gaap_AccumulatedOtherComprehensiveIncomeLossNetOfTax Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionThe estimated net amount of existing gains or losses on cash flow hedges at the reporting date expected to be reclassified to earnings within the next 12 months. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 815 -SubTopic 30 -Section 50 -Paragraph 1 -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480870/815-30-50-1 + Details Name: us-gaap_CashFlowHedgeGainLossToBeReclassifiedWithinTwelveMonths Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionLine items represent financial concepts included in a table. These concepts are used to disclose reportable information associated with domain members defined in one or many axes to the table. + ReferencesReference 1: http://www.xbrl.org/2003/role/exampleRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 100 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482078/820-10-55-100Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482106/820-10-50-2Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482106/820-10-50-2Reference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482106/820-10-50-3 + Details Name: us-gaap_FairValueAssetsAndLiabilitiesMeasuredOnRecurringAndNonrecurringBasisLineItems Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionAmount, before tax, of reclassification of gain (loss) from accumulated other comprehensive income (AOCI) for derivative instrument designated and qualifying as cash flow hedge included in assessment of hedge effectiveness. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 11 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482790/220-10-45-11Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 15 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482790/220-10-45-15Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Name Accounting Standards Codification -Section 50 -Paragraph 4C -Subparagraph (c) -SubTopic 10 -Topic 815 -Publisher FASB -URI https://asc.fasb.org/1943274/2147480434/815-10-50-4C + Details Name: us-gaap_OtherComprehensiveIncomeLossCashFlowHedgeGainLossReclassificationBeforeTax Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - Details Name: us-gaap_DerivativeInstrumentRiskAxis=aa_DerivativeInstrumentLevel1Member Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_DerivativeInstrumentRiskAxis=us-gaap_ForeignExchangeForwardMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: srt_StatementGeographicalAxis=country_NO Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: srt_CurrencyAxis=currency_EUR Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: srt_CurrencyAxis=currency_NOK Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: srt_StatementGeographicalAxis=country_BR Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: srt_StatementGeographicalAxis=country_CA Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_IncomeStatementLocationAxis=us-gaap_SalesMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_IncomeStatementLocationAxis=us-gaap_CostOfSalesMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_HedgingDesignationAxis=us-gaap_DesignatedAsHedgingInstrumentMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_DerivativeInstrumentRiskAxis=aa_PowerRelatedDerivativeMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_DerivativeInstrumentsGainLossByHedgingRelationshipAxis=us-gaap_CashFlowHedgingMember Namespace Prefix: Data Type: na Balance Type: Period Type: XML 75 R63.htm IDEA: XBRL DOCUMENT v3.24.2.u1 Derivatives and Other Financial Instruments - Schedule of Detail for Level 1 and 3 Derivatives (Detail) - USD ($) $ in Millions 3 Months Ended 6 Months Ended Jun. 30, 2024 Jun. 30, 2023 Jun. 30, 2024 Jun. 30, 2023 Dec. 31, 2023 Fair Value Assets And Liabilities Measured On Recurring And Nonrecurring Basis [Line Items] Â Â Â Â Â Derivative Assets Current $ 38 Â $ 38 Â $ 29 Derivative Assets Current 251 Â 251 Â 214 Derivative Assets Noncurrent 0 Â 0 Â 3 Derivative Liabilities Noncurrent 951 Â 951 Â 1,092 Unrealized gain (loss) recognized in Other comprehensive loss (153) $ 241 (36) $ 54 Â Realized gain (loss) reclassed from Other comprehensive loss to earnings (74) (27) (127) (64) Â Level 1 Derivative Instruments [Member] Â Â Â Â Â Fair Value Assets And Liabilities Measured On Recurring And Nonrecurring Basis [Line Items] Â Â Â Â Â Derivative Assets 4 Â 4 Â 16 Derivative Liabilities 11 Â 11 Â 9 Unrealized gain (loss) recognized in Other comprehensive loss (7) 42 (10) 31 Â Realized gain (loss) reclassed from Other comprehensive loss to earnings Â 28 4 44 Â Level 3 Derivative Instruments [Member] Â Â Â Â Â Fair Value Assets And Liabilities Measured On Recurring And Nonrecurring Basis [Line Items] Â Â Â Â Â Derivative Assets 34 Â 34 Â 16 Derivative Liabilities 1,191 Â 1,191 Â 1,297 Unrealized gain (loss) recognized in Other comprehensive loss (146) 197 (26) 23 Â Realized gain (loss) reclassed from Other comprehensive loss to earnings (75) (58) (132) (110) Â Level 1 and 3 Derivative Instruments [Member] Â Â Â Â Â Fair Value Assets And Liabilities Measured On Recurring And Nonrecurring Basis [Line Items] Â Â Â Â Â Derivative Assets 38 Â 38 Â 32 Derivative Liabilities 1,202 Â 1,202 Â 1,306 Derivative Assets Current 38 Â 38 Â 29 Derivative Liabilities Current 251 Â 251 Â 214 Derivative Assets Noncurrent Â Â Â 3 Derivative Liabilities Noncurrent 951 Â 951 Â $ 1,092 Level 2 Derivative Instruments [Member] | Non-controlling and Equity Interest [Member] Â Â Â Â Â Fair Value Assets And Liabilities Measured On Recurring And Nonrecurring Basis [Line Items] Â Â Â Â Â Unrealized gain (loss) recognized in Other comprehensive loss Â 2 Â Â Â Realized gain (loss) reclassed from Other comprehensive loss to earnings $ 1 $ 3 $ 1 $ 2 Â X - DefinitionFair value, after the effects of master netting arrangements, of a financial asset or other contract with one or more underlyings, notional amount or payment provision or both, and the contract can be net settled by means outside the contract or delivery of an asset. Includes assets not subject to a master netting arrangement and not elected to be offset. + ReferencesReference 1: http://www.xbrl.org/2003/role/exampleRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 103 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482078/820-10-55-103Reference 2: http://www.xbrl.org/2003/role/exampleRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 100 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482078/820-10-55-100Reference 3: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (bbb)(2)(i) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482106/820-10-50-2Reference 4: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (bbb)(2) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482106/820-10-50-2Reference 5: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (bbb)(1) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482106/820-10-50-2Reference 6: http://www.xbrl.org/2003/role/disclosureRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482106/820-10-50-2Reference 7: http://www.xbrl.org/2003/role/disclosureRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482106/820-10-50-2Reference 8: http://www.xbrl.org/2003/role/disclosureRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482106/820-10-50-3Reference 9: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 210 -Name Accounting Standards Codification -Section 50 -Paragraph 12 -Publisher FASB -URI https://asc.fasb.org/1943274/2147478795/946-210-50-12Reference 10: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 210 -Name Accounting Standards Codification -Section 50 -Paragraph 6 -Subparagraph (e) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478795/946-210-50-6Reference 11: http://www.xbrl.org/2003/role/exampleRef -Topic 946 -SubTopic 210 -Name Accounting Standards Codification -Section 55 -Paragraph 1 -Publisher FASB -URI https://asc.fasb.org/1943274/2147477439/946-210-55-1Reference 12: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 210 -Name Accounting Standards Codification -Section 50 -Paragraph 6 -Subparagraph (a)(1) -Publisher FASB -URI

https://asc.fasb.org/1943274/2147478795/946-210-50-6Reference 13: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 210 -Name Accounting Standards Codification -Section 50 -Paragraph 6 -Subparagraph (a)(2) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478795/946-210-50-6Reference 14: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 210 -Name Accounting Standards Codification -Section 50 -Paragraph 6 -Subparagraph (a)(4) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478795/946-210-50-6Reference 15: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 210 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (a)(1) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478795/946-210-50-1Reference 16: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 210 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (b)(1) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478795/946-210-50-1Reference 17: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 210 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (b)(2) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478795/946-210-50-1Reference 18: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 210 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (c)(2) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478795/946-210-50-1Reference 19: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 210 -Name Accounting Standards Codification -Section 50 -Paragraph 6 -Subparagraph (f) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478795/946-210-50-6Reference 20: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 946 -SubTopic 210 -Name Accounting Standards Codification -Section 50 -Paragraph 6 -Subparagraph (a)(3) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478795/946-210-50-6Reference 21: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.6-04(3)(c)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479170/946-210-S99-1Reference 22: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 320 -Name Accounting Standards Codification -Section S99 -Paragraph 5C -Subparagraph (SX 210.12-13C(Column H)(Footnote 7)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477271/946-320-S99-5CReference 23: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.6-04(3)(b)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479170/946-210-S99-1Reference 24: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 320 -Name Accounting Standards Codification -Section S99 -Paragraph 5 -Subparagraph (SX 210.12-13(Column A)(Footnote 3)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477271/946-320-S99-5Reference 25: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 320 -Name Accounting Standards Codification -Section S99 -Paragraph 5C -Subparagraph (SX 210.12-13C(Column H)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477271/946-320-S99-5CReference 26: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 320 -Name Accounting Standards Codification -Section S99 -Paragraph 5A -Subparagraph (SX 210.12-13A(Column E)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477271/946-320-S99-5AReference 27: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 320 -Name Accounting Standards Codification -Section S99 -Paragraph 5B -Subparagraph (SX 210.12-13B(Column E)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477271/946-320-S99-5BReference 28: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 320 -Name Accounting Standards Codification -Section S99 -Paragraph 5B -Subparagraph (SX 210.12-13B(Column E)(Footnote 4)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477271/946-320-S99-5BReference 29: http://www.xbrl.org/2003/role/disclosureRef -Topic 20 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483466/210-20-50-3Reference 30: http://www.xbrl.org/2003/role/exampleRef -Topic 210 -SubTopic 20 -Name Accounting Standards Codification -Section 55 -Paragraph 22 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483444/210-20-55-22Reference 31: http://www.xbrl.org/2003/role/disclosureRef -Topic 210 -SubTopic 20 -Name Accounting Standards Codification -Section 55 -Paragraph 10 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483444/210-20-55-10Reference 32: http://www.xbrl.org/2003/role/disclosureRef -Topic 825 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 10 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482907/825-10-50-10 + Details Name: us-gaap_DerivativeAssets Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - DefinitionFair value, after the effects of master netting arrangements, of a financial asset or other contract with one or more underlyings, notional amount or payment provision or both, and the contract can be net settled by means outside the contract or delivery of an asset, expected to be settled within one year or normal operating cycle, if longer. Includes assets not subject to a master netting arrangement and not elected to be offset. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 210 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483466/210-20-50-3 + Details Name: us-gaap_DerivativeAssetsCurrent Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - DefinitionFair value, after the effects of master netting arrangements, of a financial asset or other contract with one or more underlyings, notional amount or payment provision or both, and the contract can be net settled by means outside the contract or delivery of an asset, expected to be settled after one year or the normal operating cycle, if longer. Includes assets not subject to a master netting arrangement and not elected to be offset. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 210 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483466/210-20-50-3 + Details Name: us-gaap_DerivativeAssetsNoncurrent Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - DefinitionFair value, after the effects of master netting arrangements, of a financial liability or contract with one or more underlyings, notional amount or payment provision or both, and the contract can be net settled by means outside the contract or delivery of an asset. Includes liabilities not subject to a master netting arrangement and not elected to be offset. + ReferencesReference 1: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (bbb)(2)(i) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482106/820-10-50-2Reference 2: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (bbb)(2) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482106/820-10-50-2Reference 3: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (bbb)(1) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482106/820-10-50-2Reference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482106/820-10-50-2Reference 5: http://www.xbrl.org/2003/role/disclosureRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482106/820-10-50-2Reference 6: http://www.xbrl.org/2003/role/disclosureRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482106/820-10-50-3Reference 7: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 210 -Name Accounting Standards Codification -Section 50 -Paragraph 6 -Subparagraph (e) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478795/946-210-50-6Reference 8: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 210 -Name Accounting Standards Codification -Section 50 -Paragraph 6 -Subparagraph (a)(1) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478795/946-210-50-6Reference 9: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 210 -Name Accounting Standards Codification -Section 50 -Paragraph 6 -Subparagraph (a)(2) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478795/946-210-50-6Reference 10: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 210 -Name Accounting Standards Codification -Section 50 -Paragraph 6 -Subparagraph (a)(4) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478795/946-210-50-6Reference 11: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 210 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (a)(1) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478795/946-210-50-1Reference 12: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 210 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (b)(1) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478795/946-210-50-1Reference 13: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 210 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (b)(2) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478795/946-210-50-1Reference 14: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 210 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (c)(2) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478795/946-210-50-1Reference 15: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 210 -Name Accounting Standards Codification -Section 50 -Paragraph 6 -Subparagraph (f) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478795/946-210-50-6Reference 16: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 946 -SubTopic 210 -Name Accounting Standards Codification -Section 50 -Paragraph 6 -Subparagraph (a)(3) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478795/946-210-50-6Reference 17: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.6-04(9)(e)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479170/946-210-S99-1Reference 18: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 320 -Name Accounting Standards Codification -Section S99 -Paragraph 5C -Subparagraph (SX 210.12-13C(Column H)(Footnote 7)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477271/946-320-S99-5CReference 19: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.6-04(9)(b)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479170/946-210-S99-1Reference 20: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.6-04(9)(d)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479170/946-210-S99-1Reference 21: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 320 -Name Accounting Standards Codification -Section S99 -Paragraph 5 -Subparagraph (SX 210.12-13(Column G)(Footnote 8)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477271/946-320-S99-5Reference 22: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 320 -Name Accounting Standards Codification -Section S99 -Paragraph 5C -Subparagraph (SX 210.12-13C(Column H)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477271/946-320-S99-5CReference 23: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 320 -Name Accounting Standards Codification -Section S99 -Paragraph 5 -Subparagraph (SX 210.12-13(Column G)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477271/946-320-S99-5Reference 24: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 320 -Name Accounting Standards Codification -Section S99 -Paragraph 5A -Subparagraph (SX 210.12-13A(Column E)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477271/946-320-S99-5AReference 25: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 320 -Name Accounting Standards Codification -Section S99 -Paragraph 5B -Subparagraph (SX 210.12-13B(Column E)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477271/946-320-S99-5BReference 26: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 320 -Name Accounting Standards Codification -Section S99 -Paragraph 5B -Subparagraph (SX 210.12-13B(Column E)(Footnote 4)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477271/946-320-S99-5BReference 27: http://www.xbrl.org/2003/role/disclosureRef -Topic 210 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483466/210-20-50-3Reference 28: http://www.xbrl.org/2003/role/exampleRef -Topic 210 -SubTopic 20 -Name Accounting Standards Codification -Section 55 -Paragraph 22 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483444/210-20-55-22Reference 29: http://www.xbrl.org/2003/role/disclosureRef -Topic 210 -SubTopic 20 -Name Accounting Standards Codification -Section 55 -Paragraph 10 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483444/210-20-55-10Reference 30: http://www.xbrl.org/2003/role/disclosureRef -Topic 825 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 10 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482907/825-10-50-10 + Details Name: us-gaap_DerivativeLiabilities Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionFair value, after the effects of master netting arrangements, of a financial liability or contract with one or more underlyings, notional amount or payment provision or both, and the contract can be net settled by means outside the contract or delivery of an asset, expected to be settled within one year or normal operating cycle, if longer. Includes assets not subject to a master netting arrangement and not elected to be offset. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 210 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483466/210-20-50-3 + Details Name: us-gaap_DerivativeLiabilitiesCurrent Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionFair value, after the effects of master netting arrangements, of a financial liability or contract with one or more underlyings, notional amount or payment provision or both, and the contract can be net settled by means outside the contract or delivery of an asset, expected to be settled after one year or the normal operating cycle, if longer. Includes assets not subject to a master netting arrangement and not elected to be offset. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 210 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483466/210-20-50-3 + Details Name: us-gaap_DerivativeLiabilitiesNoncurrent Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionLine items represent financial concepts included in a table. These concepts are used to disclose reportable information associated with domain members defined in one or many axes to the table. + ReferencesReference 1: http://www.xbrl.org/2003/role/exampleRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 100 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482078/820-10-55-100Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482106/820-10-50-2Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482106/820-10-50-2Reference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482106/820-10-50-3 + Details Name: us-gaap_FairValueAssetsAndLiabilitiesMeasuredOnRecurringAndNonrecurringBasisLineItems Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionAmount, before tax and reclassification, of gain (loss) from derivative instrument designated and qualifying cash flow hedge included in assessment of hedge effectiveness. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 11 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482790/220-10-45-11Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 815 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 4C -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480434/815-10-50-4CReference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 815 -SubTopic 20 -Name Accounting Standards Codification -Section 45 -Paragraph 3 -Publisher FASB -URI https://asc.fasb.org/1943274/2147480627/815-20-45-3Reference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 815 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 4A -Subparagraph (b)(2) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480434/815-10-50-4AReference 5: http://www.xbrl.org/2003/role/disclosureRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 10A -Subparagraph (d) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482790/220-10-45-10A + Details Name: us-gaap_OtherComprehensiveIncomeLossCashFlowHedgeGainLossBeforeReclassificationAndTax Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionAmount, before tax, of reclassification of gain (loss) from accumulated other comprehensive income (AOCI) for derivative instrument designated and qualifying as cash flow hedge included in assessment of hedge effectiveness. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 11 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482790/220-10-45-11Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 15 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482790/220-10-45-15Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Name Accounting Standards Codification -Section 50 -Paragraph 4C -Subparagraph (c) -SubTopic 10 -Topic 815 -Publisher FASB -URI https://asc.fasb.org/1943274/2147480434/815-10-50-4C + Details Name: us-gaap_OtherComprehensiveIncomeLossCashFlowHedgeGainLossReclassificationBeforeTax Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - Details Name: us-gaap_DerivativeInstrumentRiskAxis=aa_DerivativeInstrumentLevel1Member Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_DerivativeInstrumentRiskAxis=aa_DerivativeInstrumentLevel3Member Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_DerivativeInstrumentRiskAxis=aa_DerivativeInstrumentLevel1And3Member Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_DerivativeInstrumentRiskAxis=aa_DerivativeInstrumentLevel2Member Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_StatementEquityComponentsAxis=aa_NoncontrollingAndEquityInterestMember Namespace Prefix: Data Type: na Balance Type: Period Type: XML 76 R64.htm IDEA: XBRL DOCUMENT

v3.24.2.u1 Derivatives and Other Financial Instruments - Schedule of Outstanding Quantities of Derivative Instruments (Detail) - Level 1 [Member] kt in Thousands, â‚¬ in Millions, kr in Millions, R$ in Millions, $ in Millions Jun. 30, 2024 EUR (â‚¬) kt Jun. 30, 2024 NOK (kr) kt Jun. 30, 2024 BRL (R$) kt Jun. 30, 2024 CAD ($) kt Jun. 30, 2023 EUR (â‚¬) kt Jun. 30, 2023 NOK (kr) kt Jun. 30, 2023 BRL (R$) kt Foreign Exchange Buy Forwards [Member] Â Â Â Â Â Â Â Fair Value Assets And Liabilities Measured On Recurring And Nonrecurring Basis [Line Items] Â Â Â Â Â Â Â Derivative Liabilities â‚¬ 61 kr 85 R$ 351 $ 22 â‚¬ 86 kr 232 R$ 1,010 Foreign Exchange Sell Forwards [Member] Â Â Â Â Â Â Â Fair Value Assets And Liabilities Measured On Recurring And Nonrecurring Basis [Line Items] Â Â Â Â Â Â Â Derivative Liabilities | â‚¬ â‚¬ 16 Â Â Â â‚¬ 18 Â Â Commodity Sell Forwards [Member] Â Â Â Â Â Â Â Fair Value Assets And Liabilities Measured On Recurring And Nonrecurring Basis [Line Items] Â Â Â Â Â Â Â Outstanding quantities of derivative instruments 80 80 80 80 206 206 206 Commodity Buy Forwards [Member] Â Â Â Â Â Â Â Fair Value Assets And Liabilities Measured On Recurring And Nonrecurring Basis [Line Items] Â Â Â Â Â Â Â Outstanding quantities of derivative instruments 133 133 133 133 187 187 187 X - DefinitionOutstanding aluminum derivative instruments. + ReferencesNo definition available. + Details Name: aa_OutstandingAluminumDerivativeInstruments Namespace Prefix: aa_ Data Type: dtr-types:massItemType Balance Type: na Period Type: instant X - DefinitionFair value, after the effects of master netting arrangements, of a financial liability or contract with one or more underlyings, notional amount or payment provision or both, and the contract can be net settled by means outside the contract or delivery of an asset. Includes liabilities not subject to a master netting arrangement and not elected to be offset. + ReferencesReference 1: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (bbb)(2)(i) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482106/820-10-50-2Reference 2: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (bbb)(2) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482106/820-10-50-2Reference 3: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (bbb)(1) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482106/820-10-50-2Reference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482106/820-10-50-2Reference 5: http://www.xbrl.org/2003/role/disclosureRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482106/820-10-50-2Reference 6: http://www.xbrl.org/2003/role/disclosureRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482106/820-10-50-3Reference 7: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 210 -Name Accounting Standards Codification -Section 50 -Paragraph 6 -Subparagraph (e) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478795/946-210-50-6Reference 8: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 210 -Name Accounting Standards Codification -Section 50 -Paragraph 6 -Subparagraph (a)(1) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478795/946-210-50-6Reference 9: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 210 -Name Accounting Standards Codification -Section 50 -Paragraph 6 -Subparagraph (a)(2) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478795/946-210-50-6Reference 10: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 210 -Name Accounting Standards Codification -Section 50 -Paragraph 6 -Subparagraph (a)(4) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478795/946-210-50-6Reference 11: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 210 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (a)(1) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478795/946-210-50-1Reference 12: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 210 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (b)(1) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478795/946-210-50-1Reference 13: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 210 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (b)(2) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478795/946-210-50-1Reference 14: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 210 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (c)(2) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478795/946-210-50-1Reference 15: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 210 -Name Accounting Standards Codification -Section 50 -Paragraph 6 -Subparagraph (f) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478795/946-210-50-6Reference 16: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 946 -SubTopic 210 -Name Accounting Standards Codification -Section 50 -Paragraph 6 -Subparagraph (a)(3) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478795/946-210-50-6Reference 17: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.6-04(9)(e)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479170/946-210-S99-1Reference 18: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 320 -Name Accounting Standards Codification -Section S99 -Paragraph 5C -Subparagraph (SX 210.12-13C(Column H)(Footnote 7)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477271/946-320-S99-5CReference 19: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.6-04(9)(b)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479170/946-210-S99-1Reference 20: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.6-04(9)(d)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479170/946-210-S99-1Reference 21: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 320 -Name Accounting Standards Codification -Section S99 -Paragraph 5 -Subparagraph (SX 210.12-13(Column G)(Footnote 8)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477271/946-320-S99-5Reference 22: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 320 -Name Accounting Standards Codification -Section S99 -Paragraph 5C -Subparagraph (SX 210.12-13C(Column H)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477271/946-320-S99-5CReference 23: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 320 -Name Accounting Standards Codification -Section S99 -Paragraph 5 -Subparagraph (SX 210.12-13(Column G)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477271/946-320-S99-5Reference 24: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 320 -Name Accounting Standards Codification -Section S99 -Paragraph 5A -Subparagraph (SX 210.12-13A(Column E)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477271/946-320-S99-5AReference 25: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 320 -Name Accounting Standards Codification -Section S99 -Paragraph 5B -Subparagraph (SX 210.12-13B(Column E)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477271/946-320-S99-5BReference 26: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 320 -Name Accounting Standards Codification -Section S99 -Paragraph 5B -Subparagraph (SX 210.12-13B(Column E) (Footnote 4)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477271/946-320-S99-5BReference 27: http://www.xbrl.org/2003/role/disclosureRef -Topic 210 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483466/210-20-50-3Reference 28: http://www.xbrl.org/2009/role/exampleRef -Topic 210 -SubTopic 20 -Name Accounting Standards Codification -Section 55 -Paragraph 22 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483444/210-20-55-22Reference 29: http://www.xbrl.org/2003/role/disclosureRef -Topic 210 -SubTopic 20 -Name Accounting Standards Codification -Section 55 -Paragraph 10 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483444/210-20-55-10Reference 30: http://www.xbrl.org/2003/role/disclosureRef -Topic 825 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 10 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482907/825-10-50-10 + Details Name: us-gaap_DerivativeLiabilities Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionLine items represent financial concepts included in a table. These concepts are used to disclose reportable information associated with domain members defined in one or many axes to the table. + ReferencesReference 1: http://www.xbrl.org/2003/role/exampleRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 100 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482078/820-10-55-100Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482106/820-10-50-2Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482106/820-10-50-2Reference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482106/820-10-50-3 + Details Name: us-gaap_FairValueAssetsAndLiabilitiesMeasuredOnRecurringAndNonrecurringBasisLineItems Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - Details Name: us-gaap_DerivativeInstrumentRiskAxis=aa_ForeignExchangeBuyForwardsMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_FairValueByFairValueHierarchyLevelAxis=us-gaap_FairValueInputsLevel1Member Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_DerivativeInstrumentRiskAxis=aa_ForeignExchangeSellForwardsMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_DerivativeInstrumentRiskAxis=aa_CommoditySellForwardsMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_DerivativeInstrumentRiskAxis=aa_CommodityBuyForwardsMember Namespace Prefix: Data Type: na Balance Type: Period Type: XML 77 R65.htm IDEA: XBRL DOCUMENT v3.24.2.u1 Derivatives and Other Financial Instruments - Schedule of Quantitative Information for Level 3 Derivative Contracts (Detail) - Energy Contracts [Member] - Level 3 [Member] MWh in Millions 6 Months Ended Jun. 30, 2024 USD ($) MWh $ / MW $ / lb Fair Value Net Derivative Asset Liability Measured On Recurring Basis Unobservable Input Reconciliation [Line Items] Â Derivative Assets, Fair value $ 34,000,000 Derivative Liabilities, Fair value 1,191,000,000 Financial Contracts [Member] | Interrelationship of Forward Energy Price, LME Forward Price and Consumer Price Index [Member] Â Fair Value Net Derivative Asset Liability Measured On Recurring Basis Unobservable Input Reconciliation [Line Items] Â Derivative Assets, Fair value $ 34,000,000 Financial Contracts [Member] | Interrelationship of Forward Energy Price, LME Forward Price and Consumer Price Index [Member] | Minimum [Member] | 2024 [Member] Â Fair Value Net Derivative Asset Liability Measured On Recurring Basis Unobservable Input Reconciliation [Line Items] Â Derivative forward energy price | $ / MW 93.52 LME forward price $ 2,491 Financial Contracts [Member] | Interrelationship of Forward Energy Price, LME Forward Price and Consumer Price Index [Member] | Maximum [Member] | 2024 [Member] Â Fair Value Net Derivative Asset Liability Measured On Recurring Basis Unobservable Input Reconciliation [Line Items] Â Derivative forward energy price | $ / MW 40.54 LME forward price $ 2,562 Power Contract [Member] | MWh of Energy Needed to Produce Forecasted Mt of Aluminum at Rate of 2 Million MWh Per Year [Member] Â Fair Value Net Derivative Asset Liability Measured On Recurring Basis Unobservable Input Reconciliation [Line Items] Â Derivative Assets, Fair value $ 2,000,000 Derivative forward energy volume | MWh 2 Power Contract [Member] | MWh of Energy Needed to Produce Forecasted Mt of Aluminum at Rate of 2 Million MWh Per Year [Member] | Minimum [Member] | 2024 [Member] Â Fair Value Net Derivative Asset Liability Measured On Recurring Basis Unobservable Input Reconciliation [Line Items] Â LME forward price $ 2,491 Midwest aluminum premium | $ / lb 0.1999 Power Contract [Member] | MWh of Energy Needed to Produce Forecasted Mt of Aluminum at Rate of 2 Million MWh Per Year [Member] | Maximum [Member] | 2024 [Member] Â Fair Value Net Derivative Asset Liability Measured On Recurring Basis Unobservable Input Reconciliation [Line Items] Â LME forward price $ 2,524 Midwest aluminum premium | $ / lb 0.224 Power Contract [Member] | MWh of Energy Needed to Produce Forecasted Mt of Aluminum at Rate of 4 Million MWh Per Year [Member] Â Fair Value Net Derivative Asset Liability Measured On Recurring Basis Unobservable Input Reconciliation [Line Items] Â Derivative Liabilities, Fair value $ 180,000,000 Derivative forward energy volume | MWh 4 Power Contract [Member] | MWh of Energy Needed to Produce Forecasted Mt of Aluminum at Rate of 4 Million MWh Per Year [Member] | 2024 [Member] Â Fair Value Net Derivative Asset Liability Measured On Recurring Basis Unobservable Input Reconciliation [Line Items] Â LME forward price $ 2,491 Power Contract [Member] | MWh of Energy Needed to Produce Forecasted Mt of Aluminum at Rate of 4 Million MWh Per Year [Member] | 2027 [Member] Â Fair Value Net Derivative Asset Liability Measured On Recurring Basis Unobservable Input Reconciliation [Line Items] Â LME forward price 2,742 Power Contract [Member] | MWh of Energy Needed to Produce Forecasted Mt of Aluminum at Rate of 18 Million MWh Per Year [Member] Â Fair Value Net Derivative Asset Liability Measured On Recurring Basis Unobservable Input Reconciliation [Line Items] Â Derivative Liabilities, Fair value $ 1,008,000,000 Derivative forward energy volume | MWh 18 Power Contract [Member] | MWh of Energy Needed to Produce Forecasted Mt of Aluminum at Rate of 18 Million MWh Per Year [Member] | 2024 [Member] Â Fair Value Net Derivative Asset Liability Measured On Recurring Basis Unobservable Input Reconciliation [Line Items] Â LME forward price $ 2,491 Midwest aluminum premium | $ / lb 0.1999 Power Contract [Member] | MWh of Energy Needed to Produce Forecasted Mt of Aluminum at Rate of 18 Million MWh Per Year [Member] | 2029 [Member] Â Fair Value Net Derivative Asset Liability Measured On Recurring Basis Unobservable Input Reconciliation [Line Items] Â LME forward price $ 2,734 Midwest aluminum premium | $ / lb 0.2365 Power Contract [Member] | MWh of Energy Needed to Produce Forecasted Mt of Aluminum at Rate of 18 Million MWh Per Year [Member] | 2036 [Member] Â Fair Value Net Derivative Asset Liability Measured On Recurring Basis Unobservable Input Reconciliation [Line Items] Â LME forward price $ 2,934 Midwest aluminum premium | $ / lb 0.2365 Power Contract [Member] | Estimated Spread Between The Respective 30-Year Debt Yield Of Alcoa Corporation And The Counterparty [Member] Â Fair Value Net Derivative Asset Liability Measured On Recurring Basis Unobservable Input Reconciliation [Line Items] Â Derivative Liabilities, Fair value $ 1,000,000 Percentage of debt yield credit spread 1.71% Power Contract [Member] | Estimated Spread Between The Respective 30-Year Debt Yield Of Alcoa Corporation And The Counterparty [Member] | Counterparty [Member] Â Fair Value Net Derivative Asset Liability Measured On Recurring Basis Unobservable Input Reconciliation [Line Items] Â Percentage of debt yield credit spread 5.27% Power Contract [Member] | Estimated Spread Between The Respective 30-Year Debt Yield Of Alcoa Corporation And The Counterparty [Member] | Alcoa Corporation [Member] Â Fair Value Net Derivative Asset Liability Measured On Recurring Basis Unobservable Input Reconciliation [Line Items] Â Percentage of debt yield credit spread 6.98% X - DefinitionDerivative forward energy price. + ReferencesNo definition available. + Details Name: aa_DerivativeForwardEnergyPrice Namespace Prefix: aa_ Data Type: srt-types:perUnitItemType Balance Type: na Period Type: instant X - DefinitionDerivative forward energy volume. + ReferencesNo definition available. + Details Name: aa_DerivativeForwardEnergyVolume Namespace Prefix: aa_ Data Type: dtr-types:energyItemType Balance Type: na Period Type: duration X - DefinitionLondon metal exchange forward price. + ReferencesNo definition available. + Details Name: aa_LondonMetalExchangeForwardPrice Namespace Prefix: aa_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - DefinitionMidwest aluminum premium. + ReferencesNo definition available. + Details Name: aa_MidwestAluminumPremium Namespace Prefix: aa_ Data Type: srt-types:perUnitItemType Balance Type: na Period Type: instant X - DefinitionFair value, after the effects of master netting arrangements, of a financial asset or other contract with one or more underlyings, notional amount or payment provision or both, and the contract can be net settled by means outside the contract or delivery of an asset. Includes assets not subject to a master netting arrangement and not elected to be offset. + ReferencesReference 1: http://www.xbrl.org/2003/role/exampleRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 103 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482078/820-10-55-103Reference 2: http://www.xbrl.org/2003/role/exampleRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 100 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482078/820-10-55-100Reference 3: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (bbb)(2)(i) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482106/820-10-50-2Reference 4: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (bbb)(2) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482106/820-10-50-2Reference 5: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (bbb)(1) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482106/820-10-50-2Reference 6: http://www.xbrl.org/2003/role/disclosureRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482106/820-10-50-2Reference 7: http://www.xbrl.org/2003/role/disclosureRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482106/820-10-50-2Reference 8: http://www.xbrl.org/2003/role/disclosureRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482106/820-10-50-3Reference 9: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 210 -Name Accounting Standards Codification -Section 50 -Paragraph 12 -Publisher FASB -URI https://asc.fasb.org/1943274/2147478795/946-210-50-12Reference 10: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 210 -Name Accounting Standards Codification -Section 50 -Paragraph 6 -Subparagraph (e) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478795/946-210-50-6Reference 11: http://www.xbrl.org/2003/role/exampleRef -Topic 946 -SubTopic 210 -Name Accounting Standards Codification -Section 55 -Paragraph 1 -Publisher FASB -URI https://asc.fasb.org/1943274/2147477439/946-210-55-1Reference 12: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 210 -Name

Accounting Standards Codification -Section 50 -Paragraph 6 -Subparagraph (a)(1) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478795/946-210-50-6Reference 13: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 210 -Name Accounting Standards Codification -Section 50 -Paragraph 6 -Subparagraph (a)(2) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478795/946-210-50-6Reference 14: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 210 -Name Accounting Standards Codification -Section 50 -Paragraph 6 -Subparagraph (a)(4) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478795/946-210-50-6Reference 15: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 210 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (a)(1) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478795/946-210-50-1Reference 16: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 210 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (b)(1) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478795/946-210-50-1Reference 17: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 210 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (b)(2) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478795/946-210-50-1Reference 18: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 210 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (c)(2) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478795/946-210-50-1Reference 19: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 210 -Name Accounting Standards Codification -Section 50 -Paragraph 6 -Subparagraph (f) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478795/946-210-50-6Reference 20: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 946 -SubTopic 210 -Name Accounting Standards Codification -Section 50 -Paragraph 6 -Subparagraph (a)(3) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478795/946-210-50-6Reference 21: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.6-04(3)(c)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479170/946-210-S99-1Reference 22: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 320 -Name Accounting Standards Codification -Section S99 -Paragraph 5C -Subparagraph (SX 210.12-13C(Column H)(Footnote 7)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477271/946-320-S99-5CReference 23: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.6-04(3)(b)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479170/946-210-S99-1Reference 24: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 320 -Name Accounting Standards Codification -Section S99 -Paragraph 5 -Subparagraph (SX 210.12-13(Column A)(Footnote 3)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477271/946-320-S99-5Reference 25: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 320 -Name Accounting Standards Codification -Section S99 -Paragraph 5C -Subparagraph (SX 210.12-13C(Column H)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477271/946-320-S99-5CReference 26: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 320 -Name Accounting Standards Codification -Section S99 -Paragraph 5A -Subparagraph (SX 210.12-13A(Column E)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477271/946-320-S99-5AReference 27: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 320 -Name Accounting Standards Codification -Section S99 -Paragraph 5B -Subparagraph (SX 210.12-13B(Column E)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477271/946-320-S99-5BReference 28: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 320 -Name Accounting Standards Codification -Section S99 -Paragraph 5B -Subparagraph (SX 210.12-13B(Column E)(Footnote 4)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477271/946-320-S99-5BReference 29: http://www.xbrl.org/2003/role/disclosureRef -Topic 210 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483466/210-20-50-3Reference 30: http://www.xbrl.org/2003/role/exampleRef -Topic 210 -SubTopic 20 -Name Accounting Standards Codification -Section 55 -Paragraph 22 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483444/210-20-55-22Reference 31: http://www.xbrl.org/2003/role/disclosureRef -Topic 210 -SubTopic 20 -Name Accounting Standards Codification -Section 55 -Paragraph 10 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483444/210-20-55-10Reference 32: http://www.xbrl.org/2003/role/disclosureRef -Topic 825 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 10 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482907/825-10-50-10 + Details Name: us-gaap_DerivativeAssets Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - DefinitionThe percentage points added to the reference rate to compute the variable rate on the interest rate derivative. + ReferencesNo definition available. + Details Name: us-gaap_DerivativeBasisSpreadOnVariableRate Namespace Prefix: us-gaap_ Data Type: dtr-types:percentItemType Balance Type: na Period Type: instant X - DefinitionFair value, after the effects of master netting arrangements, of a financial liability or contract with one or more underlyings, notional amount or payment provision or both, and the contract can be net settled by means outside the contract or delivery of an asset. Includes liabilities not subject to a master netting arrangement and not elected to be offset. + ReferencesReference 1: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (bbb)(2)(i) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482106/820-10-50-2Reference 2: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (bbb)(2) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482106/820-10-50-2Reference 3: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (bbb)(1) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482106/820-10-50-2Reference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482106/820-10-50-2Reference 5: http://www.xbrl.org/2003/role/disclosureRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482106/820-10-50-2Reference 6: http://www.xbrl.org/2003/role/disclosureRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482106/820-10-50-3Reference 7: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 210 -Name Accounting Standards Codification -Section 50 -Paragraph 6 -Subparagraph (e) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478795/946-210-50-6Reference 8: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 210 -Name Accounting Standards Codification -Section 50 -Paragraph 6 -Subparagraph (a)(1) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478795/946-210-50-6Reference 9: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 210 -Name Accounting Standards Codification -Section 50 -Paragraph 6 -Subparagraph (a)(2) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478795/946-210-50-6Reference 10: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 210 -Name Accounting Standards Codification -Section 50 -Paragraph 6 -Subparagraph (a)(4) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478795/946-210-50-6Reference 11: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 210 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (a)(1) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478795/946-210-50-1Reference 12: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 210 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (b)(1) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478795/946-210-50-1Reference 13: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 210 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (b)(2) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478795/946-210-50-1Reference 14: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 210 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (c)(2) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478795/946-210-50-1Reference 15: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 210 -Name Accounting Standards Codification -Section 50 -Paragraph 6 -Subparagraph (f) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478795/946-210-50-6Reference 16: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 946 -SubTopic 210 -Name Accounting Standards Codification -Section 50 -Paragraph 6 -Subparagraph (a)(3) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478795/946-210-50-6Reference 17: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.6-04(9)(e)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479170/946-210-S99-1Reference 18: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 320 -Name Accounting Standards Codification -Section S99 -Paragraph 5C -Subparagraph (SX 210.12-13C(Column H)(Footnote 7)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477271/946-320-S99-5CReference 19: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.6-04(9)(b)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479170/946-210-S99-1Reference 20: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.6-04(9)(d)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479170/946-210-S99-1Reference 21: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 320 -Name Accounting Standards Codification -Section S99 -Paragraph 5 -Subparagraph (SX 210.12-13(Column G)(Footnote 8)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477271/946-320-S99-5Reference 22: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 320 -Name Accounting Standards Codification -Section S99 -Paragraph 5C -Subparagraph (SX 210.12-13C(Column H)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477271/946-320-S99-5CReference 23: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 320 -Name Accounting Standards Codification -Section S99 -Paragraph 5 -Subparagraph (SX 210.12-13(Column G)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477271/946-320-S99-5Reference 24: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 320 -Name Accounting Standards Codification -Section S99 -Paragraph 5A -Subparagraph (SX 210.12-13A(Column E)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477271/946-320-S99-5AReference 25: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 320 -Name Accounting Standards Codification -Section S99 -Paragraph 5B -Subparagraph (SX 210.12-13B(Column E)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477271/946-320-S99-5BReference 26: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 320 -Name Accounting Standards Codification -Section S99 -Paragraph 5B -Subparagraph (SX 210.12-13B(Column E)(Footnote 4)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477271/946-320-S99-5BReference 27: http://www.xbrl.org/2003/role/disclosureRef -Topic 210 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483466/210-20-50-3Reference 28: http://www.xbrl.org/2003/role/exampleRef -Topic 210 -SubTopic 20 -Name Accounting Standards Codification -Section 55 -Paragraph 22 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483444/210-20-55-22Reference 29: http://www.xbrl.org/2003/role/disclosureRef -Topic 210 -SubTopic 20 -Name Accounting Standards Codification -Section 55 -Paragraph 10 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483444/210-20-55-10Reference 30: http://www.xbrl.org/2003/role/disclosureRef -Topic 825 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 10 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482907/825-10-50-10 + Details Name: us-gaap_DerivativeLiabilities Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionLine items represent financial concepts included in a table. These concepts are used to disclose reportable information associated with domain members defined in one or many axes to the table. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482106/820-10-50-3Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (d) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482106/820-10-50-2Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (c)(3) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482106/820-10-50-2Reference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (c)(2) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482106/820-10-50-2Reference 5: http://www.xbrl.org/2003/role/disclosureRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (c)(1) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482106/820-10-50-2Reference 6: http://www.xbrl.org/2003/role/disclosureRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482106/820-10-50-2 + Details Name: us-gaap_FairValueNetDerivativeAssetLiabilityMeasuredOnRecurringBasisUnobservableInputReconciliationLineItems Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - Details Name: us-gaap_DerivativeInstrumentRiskAxis=us-gaap_EnergyRelatedDerivativeMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_FairValueByFairValueHierarchyLevelAxis=us-gaap_FairValueInputsLevel3Member Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_FinancialInstrumentAxis=aa_FinanceRelatedDerivativeMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_MeasurementInputTypeAxis=aa_InterrelationshipOfForwardEnergyPriceLMEForwardPriceAndConsumerPriceIndexMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: srt_RangeAxis=srt_MinimumMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_ContractWithCustomerDurationAxis=aa_TwoThousandTwentyFourMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: srt_RangeAxis=srt_MaximumMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_FinancialInstrumentAxis=aa_PowerRelatedDerivativeMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_MeasurementInputTypeAxis=aa_MWhOfEnergyNeededToProduceForecastedMtOfAluminumAtRateOf2MillionMWhPerYearMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_MeasurementInputTypeAxis=aa_MWhOfEnergyNeededToProduceForecastedMtOfAluminumAtRateOf4MillionMWhPerYearMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_ContractWithCustomerDurationAxis=aa_TwoThousandTwentySevenMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_MeasurementInputTypeAxis=aa_MWhOfEnergyNeededToProducesForecastedMtOfAluminumAtRateOf18MillionMWhPerYearMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_ContractWithCustomerDurationAxis=aa_TwoThousandTwentyNineMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_ContractWithCustomerDurationAxis=aa_TwoThousandThirtySixMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_MeasurementInputTypeAxis=aa_EstimatedSpreadBetweenTheRespectiveThirtyYearDebtYieldOfAlcoaCorporationAndTheCounterpartyMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_AccountsNotesLoansAndFinancingReceivablesByLegalEntityOfCounterpartyTypeAxis=us-gaap_IndividualMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: dei_LegalEntityAxis=aa_AlcoaCorporationMember Namespace Prefix: Data Type: na Balance Type: Period Type: XML 78 R66.htm IDEA: XBRL DOCUMENT v3.24.2.u1 Derivatives and Other Financial Instruments - Schedule of Fair Values of Level 3 Derivative Instruments Recorded as Assets and Liabilities (Detail) - USD ($) $ in Millions Jun. 30, 2024 Dec. 31, 2023 Derivative Instruments Gain Loss [Line Items] Â Â Total asset derivatives $ 38 $ 29 Total liability derivatives 251 214 Total liability derivatives 951 1,092 Level 3 [Member] | Energy Contracts [Member] Â Â Derivative Instruments Gain Loss [Line Items] Â Â Total asset derivatives 34 16 Total liability derivatives 1,191 1,297 Level 3 [Member] | Derivatives Not Designated as Hedging Instruments [Member] | Energy Contracts [Member] Â Â Derivative Instruments Gain Loss [Line Items] Â Â Total asset derivatives 34 16 Total liability derivatives 1 0 Level 3 [Member] | Derivatives Not Designated as Hedging Instruments [Member] | Embedded Credit Derivative [Member] | Energy Contracts [Member] Â Â Derivative Instruments Gain Loss [Line Items] Â Â Total liability derivatives 1 0 Level 3 [Member] | Derivatives Not Designated as Hedging Instruments [Member] | Financial Contracts [Member] | Energy Contracts [Member] Â Â Derivative Instruments Gain Loss [Line Items] Â Â Total asset derivatives 34 16 Level 3 [Member] | Derivatives Designated as Hedging Instruments [Member] | Energy Contracts [Member] Â Â Derivative Instruments Gain Loss [Line Items] Â Â Total liability derivatives 1,190 1,297 Level 3 [Member] | Derivatives Designated as Hedging Instruments [Member] | Power Contract [Member] | Energy Contracts [Member] Â Â Derivative Instruments Gain Loss [Line Items] Â Â Total liability derivatives 245 210 Total liability derivatives $ 945 $ 1,087 X - DefinitionFair value, after the effects of master netting arrangements, of a financial asset or other contract with one or more underlyings, notional amount or payment provision or both, and the contract can be net settled by means outside the contract or delivery of an asset. Includes assets not subject to a master netting arrangement and not elected to be offset. + ReferencesReference 1: http://www.xbrl.org/2003/role/exampleRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 103 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482078/820-10-55-103Reference 2: http://www.xbrl.org/2003/role/exampleRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 100 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482078/820-10-55-100Reference 3: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (bbb)(2)(i) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482106/820-10-50-2Reference 4: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (bbb)(2) -Publisher FASB -URI

https://asc.fasb.org/1943274/2147482106/820-10-50-2Reference 5: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (bbb)(1) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482106/820-10-50-2Reference 6: http://www.xbrl.org/2003/role/disclosureRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482106/820-10-50-2Reference 7: http://www.xbrl.org/2003/role/disclosureRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482106/820-10-50-2Reference 8: http://www.xbrl.org/2003/role/disclosureRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482106/820-10-50-3Reference 9: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 210 -Name Accounting Standards Codification -Section 50 -Paragraph 12 -Publisher FASB -URI https://asc.fasb.org/1943274/2147478795/946-210-50-12Reference 10: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 210 -Name Accounting Standards Codification -Section 50 -Paragraph 6 -Subparagraph (e) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478795/946-210-50-6Reference 11: http://www.xbrl.org/2003/role/exampleRef -Topic 946 -SubTopic 210 -Name Accounting Standards Codification -Section 55 -Paragraph 1 -Publisher FASB -URI https://asc.fasb.org/1943274/2147477439/946-210-55-1Reference 12: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 210 -Name Accounting Standards Codification -Section 50 -Paragraph 6 -Subparagraph (a)(1) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478795/946-210-50-6Reference 13: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 210 -Name Accounting Standards Codification -Section 50 -Paragraph 6 -Subparagraph (a)(2) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478795/946-210-50-6Reference 14: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 210 -Name Accounting Standards Codification -Section 50 -Paragraph 6 -Subparagraph (a)(4) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478795/946-210-50-6Reference 15: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 210 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (a)(1) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478795/946-210-50-1Reference 16: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 210 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (b)(1) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478795/946-210-50-1Reference 17: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 210 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (b)(2) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478795/946-210-50-1Reference 18: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 210 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (c)(2) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478795/946-210-50-1Reference 19: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 210 -Name Accounting Standards Codification -Section 50 -Paragraph 6 -Subparagraph (f) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478795/946-210-50-6Reference 20: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 946 -SubTopic 210 -Name Accounting Standards Codification -Section 50 -Paragraph 6 -Subparagraph (a)(3) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478795/946-210-50-6Reference 21: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.6-04(3)(c)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479170/946-210-S99-1Reference 22: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 320 -Name Accounting Standards Codification -Section S99 -Paragraph 5C -Subparagraph (SX 210.12-13C(Column H)(Footnote 7)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477271/946-320-S99-5CReference 23: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.6-04(3)(b)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479170/946-210-S99-1Reference 24: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 320 -Name Accounting Standards Codification -Section S99 -Paragraph 5 -Subparagraph (SX 210.12-13(Column A)(Footnote 3)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477271/946-320-S99-5Reference 25: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 320 -Name Accounting Standards Codification -Section S99 -Paragraph 5C -Subparagraph (SX 210.12-13C(Column H)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477271/946-320-S99-5CReference 26: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 320 -Name Accounting Standards Codification -Section S99 -Paragraph 5A -Subparagraph (SX 210.12-13A(Column E)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477271/946-320-S99-5AReference 27: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 320 -Name Accounting Standards Codification -Section S99 -Paragraph 5B -Subparagraph (SX 210.12-13B(Column E)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477271/946-320-S99-5BReference 28: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 320 -Name Accounting Standards Codification -Section S99 -Paragraph 5B -Subparagraph (SX 210.12-13B(Column E)(Footnote 4)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477271/946-320-S99-5BReference 29: http://www.xbrl.org/2003/role/disclosureRef -Topic 210 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483466/210-20-50-3Reference 30: http://www.xbrl.org/2003/role/exampleRef -Topic 210 -SubTopic 20 -Name Accounting Standards Codification -Section 55 -Paragraph 22 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483444/210-20-55-22Reference 31: http://www.xbrl.org/2003/role/disclosureRef -Topic 210 -SubTopic 20 -Name Accounting Standards Codification -Section 55 -Paragraph 10 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483444/210-20-55-10Reference 32: http://www.xbrl.org/2003/role/disclosureRef -Topic 825 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 10 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482907/825-10-50-10 + Details Name: us-gaap_DerivativeAssets Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - DefinitionFair value, after the effects of master netting arrangements, of a financial asset or other contract with one or more underlyings, notional amount or payment provision or both, and the contract can be net settled by means outside the contract or delivery of an asset, expected to be settled within one year or normal operating cycle, if longer. Includes assets not subject to a master netting arrangement and not elected to be offset. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 210 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483466/210-20-50-3 + Details Name: us-gaap_DerivativeAssetsCurrent Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - DefinitionLine items represent financial concepts included in a table. These concepts are used to disclose reportable information associated with domain members defined in one or many axes to the table. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 815 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 4E -Publisher FASB -URI https://asc.fasb.org/1943274/2147480434/815-10-50-4E + Details Name: us-gaap_DerivativeInstrumentsGainLossLineItems Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionFair value, after the effects of master netting arrangements, of a financial liability or contract with one or more underlyings, notional amount or payment provision or both, and the contract can be net settled by means outside the contract or delivery of an asset. Includes liabilities not subject to a master netting arrangement and not elected to be offset. + ReferencesReference 1: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (bbb)(2)(i) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482106/820-10-50-2Reference 2: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (bbb)(2) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482106/820-10-50-2Reference 3: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (bbb)(1) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482106/820-10-50-2Reference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482106/820-10-50-2Reference 5: http://www.xbrl.org/2003/role/disclosureRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482106/820-10-50-2Reference 6: http://www.xbrl.org/2003/role/disclosureRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482106/820-10-50-3Reference 7: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 210 -Name Accounting Standards Codification -Section 50 -Paragraph 6 -Subparagraph (e) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478795/946-210-50-6Reference 8: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 210 -Name Accounting Standards Codification -Section 50 -Paragraph 6 -Subparagraph (a)(1) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478795/946-210-50-6Reference 9: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 210 -Name Accounting Standards Codification -Section 50 -Paragraph 6 -Subparagraph (a)(2) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478795/946-210-50-6Reference 10: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 210 -Name Accounting Standards Codification -Section 50 -Paragraph 6 -Subparagraph (a)(4) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478795/946-210-50-6Reference 11: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 210 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (a)(1) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478795/946-210-50-1Reference 12: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 210 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (b)(1) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478795/946-210-50-1Reference 13: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 210 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (b)(2) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478795/946-210-50-1Reference 14: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 210 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (c)(2) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478795/946-210-50-1Reference 15: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 210 -Name Accounting Standards Codification -Section 50 -Paragraph 6 -Subparagraph (f) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478795/946-210-50-6Reference 16: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 946 -SubTopic 210 -Name Accounting Standards Codification -Section 50 -Paragraph 6 -Subparagraph (a)(3) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478795/946-210-50-6Reference 17: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.6-04(9)(e)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479170/946-210-S99-1Reference 18: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 320 -Name Accounting Standards Codification -Section S99 -Paragraph 5C -Subparagraph (SX 210.12-13C(Column H)(Footnote 7)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477271/946-320-S99-5CReference 19: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.6-04(9)(b)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479170/946-210-S99-1Reference 20: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.6-04(9)(d)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479170/946-210-S99-1Reference 21: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 320 -Name Accounting Standards Codification -Section S99 -Paragraph 5 -Subparagraph (SX 210.12-13(Column G)(Footnote 8)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477271/946-320-S99-5Reference 22: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 320 -Name Accounting Standards Codification -Section S99 -Paragraph 5C -Subparagraph (SX 210.12-13C(Column H)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477271/946-320-S99-5CReference 23: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 320 -Name Accounting Standards Codification -Section S99 -Paragraph 5 -Subparagraph (SX 210.12-13(Column G)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477271/946-320-S99-5Reference 24: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 320 -Name Accounting Standards Codification -Section S99 -Paragraph 5A -Subparagraph (SX 210.12-13A(Column E)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477271/946-320-S99-5AReference 25: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 320 -Name Accounting Standards Codification -Section S99 -Paragraph 5B -Subparagraph (SX 210.12-13B(Column E)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477271/946-320-S99-5BReference 26: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 320 -Name Accounting Standards Codification -Section S99 -Paragraph 5B -Subparagraph (SX 210.12-13B(Column E)(Footnote 4)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477271/946-320-S99-5BReference 27: http://www.xbrl.org/2003/role/disclosureRef -Topic 210 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483466/210-20-50-3Reference 28: http://www.xbrl.org/2003/role/exampleRef -Topic 210 -SubTopic 20 -Name Accounting Standards Codification -Section 55 -Paragraph 22 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483444/210-20-55-22Reference 29: http://www.xbrl.org/2003/role/disclosureRef -Topic 210 -SubTopic 20 -Name Accounting Standards Codification -Section 55 -Paragraph 10 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483444/210-20-55-10Reference 30: http://www.xbrl.org/2003/role/disclosureRef -Topic 825 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 10 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482907/825-10-50-10 + Details Name: us-gaap_DerivativeLiabilities Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionFair value, after the effects of master netting arrangements, of a financial liability or contract with one or more underlyings, notional amount or payment provision or both, and the contract can be net settled by means outside the contract or delivery of an asset, expected to be settled within one year or normal operating cycle, if longer. Includes assets not subject to a master netting arrangement and not elected to be offset. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 210 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483466/210-20-50-3 + Details Name: us-gaap_DerivativeLiabilitiesCurrent Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionFair value, after the effects of master netting arrangements, of a financial liability or contract with one or more underlyings, notional amount or payment provision or both, and the contract can be net settled by means outside the contract or delivery of an asset, expected to be settled after one year or the normal operating cycle, if longer. Includes assets not subject to a master netting arrangement and not elected to be offset. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 210 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483466/210-20-50-3 + Details Name: us-gaap_DerivativeLiabilitiesNoncurrent Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - Details Name: us-gaap_FairValueByFairValueHierarchyLevelAxis=us-gaap_FairValueInputsLevel3Member Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_FinancialInstrumentAxis=us-gaap_EnergyRelatedDerivativeMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_HedgingDesignationAxis=us-gaap_NondesignatedMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_DerivativeInstrumentRiskAxis=aa_EmbeddedCreditDerivativeMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_DerivativeInstrumentRiskAxis=aa_FinanceRelatedDerivativeMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_HedgingDesignationAxis=us-gaap_DesignatedAsHedgingInstrumentMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_DerivativeInstrumentRiskAxis=aa_PowerRelatedDerivativeMember Namespace Prefix: Data Type: na Balance Type: Period Type: XML 79 R67.htm IDEA: XBRL DOCUMENT v3.24.2.u1 Derivatives and Other Financial Instruments - Schedule of Reconciliation of Activity for Derivative Contracts (Detail) - USD ($) $ in Millions 3 Months Ended 6 Months Ended Jun. 30, 2024 Jun. 30, 2024 Financial Contracts [Member] Â Â Fair Value Assets Measured On Recurring Basis Unobservable Input Reconciliation [Line Items] Â Â Fair value measurement, Assets, Beginning balance $ 12 $ 16 Settlements and other (33) (32) Fair value measurement, Assets, Ending balance 34 34 Financial Contracts [Member] | Other Expenses, Net [Member] Â Â Fair Value Assets Measured On Recurring Basis Unobservable Input Reconciliation [Line Items] Â Â Fair value measurement, Assets 55 50 Financial Contracts [Member] | Other Expenses, Net [Member] Â Â Fair Value Assets Measured On Recurring Basis Unobservable Input Reconciliation [Line Items] Â Â Fair value measurement, Assets 55 (50) Power Contract [Member] Â Â Fair Value Assets Measured On Recurring Basis Unobservable Input Reconciliation [Line Items] Â Â Fair value measurement, Liabilities, Beginning balance 1,120 1,297 Fair value measurement, Liabilities $ 0 $ 0 Revenue from Contract with Customer, Product and Service [Extensible Enumeration] Revenue from Contract with Customer, Excluding Assessed Tax Revenue from Contract with Customer, Excluding Assessed Tax Other comprehensive income (unrealized) $ 146 $ 26 Fair Value, Liability, Recurring Basis, Unobservable Input Reconciliation, Liability, Gain (Loss), Statement of Other Comprehensive Income or Comprehensive Income [Extensible Enumeration] Other Comprehensive Income (Loss), Cash Flow Hedge, Gain (Loss), after Reclassification and Tax Other Comprehensive Income (Loss), Cash Flow Hedge, Gain (Loss), after Reclassification and Tax Fair value measurement, Liabilities, Ending balance $ 1,190 $ 1,190 Power Contract [Member] | Sales [Member] Â Â Fair Value Assets Measured On Recurring Basis Unobservable Input Reconciliation [Line Items] Â Â Fair value measurement, Liabilities (76) (133) Power Contract [Member] | Other Expenses, Net [Member] Â Â Fair Value Assets Measured On Recurring Basis Unobservable Input Reconciliation [Line Items] Â Â Fair value measurement, Liabilities 0 0

Embedded Credit Derivative [Member] Â Â Fair Value Assets Measured On Recurring Basis Unobservable Input Reconciliation [Line Items] Â Â Fair value measurement, Liabilities, Beginning balance 0 0 Fair value measurement, Liabilities $ 1 $ 1 Revenue from Contract with Customer, Product and Service [Extensible Enumeration] Revenue from Contract with Customer, Excluding Assessed Tax Revenue from Contract with Customer, Excluding Assessed Tax Other comprehensive income (unrealized) $ 0 $ 0 Fair Value, Liability, Recurring Basis, Unobservable Input Reconciliation, Liability, Gain (Loss), Statement of Other Comprehensive Income or Comprehensive Income [Extensible Enumeration] Other Comprehensive Income (Loss), Cash Flow Hedge, Gain (Loss), after Reclassification and Tax Other Comprehensive Income (Loss), Cash Flow Hedge, Gain (Loss), after Reclassification and Tax Fair value measurement, Liabilities, Ending balance $ 1 $ 1 Embedded Credit Derivative [Member] | Sales [Member] Â Â Fair Value Assets Measured On Recurring Basis Unobservable Input Reconciliation [Line Items] Â Â Fair value measurement, Liabilities 0 0 Embedded Credit Derivative [Member] | Other Expenses, Net [Member] Â Â Fair Value Assets Measured On Recurring Basis Unobservable Input Reconciliation [Line Items] Â Â Fair value measurement, Liabilities $ 1 $ 1 X - DefinitionFair value measurement with unobservable inputs reconciliation recurring basis asset increase decrease settlements and other. + ReferencesNo definition available. + Details Name: aa_FairValueMeasurementWithUnobservableInputsReconciliationRecurringBasisAssetIncreaseDecreaseSettlementsAndOther Namespace Prefix: aa_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionLine items represent financial concepts included in a table. These concepts are used to disclose reportable information associated with domain members defined in one or many axes to the table. + ReferencesReference 1: http://www.xbrl.org/2003/role/exampleRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 101 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482078/820-10-55-101Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482106/820-10-50-3Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (d) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482106/820-10-50-2Reference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (c)(3) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482106/820-10-50-2Reference 5: http://www.xbrl.org/2003/role/disclosureRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (c)(2) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482106/820-10-50-2Reference 6: http://www.xbrl.org/2003/role/disclosureRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (c)(1a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482106/820-10-50-2Reference 7: http://www.xbrl.org/2003/role/disclosureRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (c)(1) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482106/820-10-50-2Reference 8: http://www.xbrl.org/2003/role/disclosureRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482106/820-10-50-2 + Details Name: us-gaap_FairValueAssetsMeasuredOnRecurringBasisUnobservableInputReconciliationLineItems Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionAmount of gain (loss) recognized in income from asset measured at fair value on recurring basis using unobservable input (level 3). + ReferencesReference 1: http://www.xbrl.org/2003/role/exampleRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 101 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482078/820-10-55-101Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482106/820-10-50-3Reference 3: http://www.xbrl.org/2003/role/exampleRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 102 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482078/820-10-55-102Reference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (c)(1) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482106/820-10-50-2 + Details Name: us-gaap_FairValueMeasurementWithUnobservableInputsReconciliationRecurringBasisAssetGainLossIncludedInEarnings1 Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionFair value of financial instrument classified as an asset measured using unobservable inputs that reflect the entity's own assumption about the assumptions market participants would use in pricing. + ReferencesReference 1: http://www.xbrl.org/2003/role/exampleRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 101 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482078/820-10-55-101Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482106/820-10-50-3Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482106/820-10-50-2 + Details Name: us-gaap_FairValueMeasurementWithUnobservableInputsReconciliationRecurringBasisAssetValue Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - DefinitionAmount of gain (loss) recognized in income from liability measured at fair value on recurring basis using unobservable input (level 3). + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482106/820-10-50-3Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (c)(1) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482106/820-10-50-2 + Details Name: us-gaap_FairValueMeasurementWithUnobservableInputsReconciliationRecurringBasisLiabilityGainLossIncludedInEarnings Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionAmount of gain (loss) recognized in other comprehensive income (OCI) from liability measured at fair value on recurring basis using unobservable input (level 3). + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482106/820-10-50-3Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (c)(1a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482106/820-10-50-2 + Details Name: us-gaap_FairValueMeasurementWithUnobservableInputsReconciliationRecurringBasisLiabilityGainLossIncludedInOtherComprehensiveIncome Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionFair value of financial instrument classified as a liability measured using unobservable inputs that reflect the entity's own assumption about the assumptions market participants would use in pricing. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482106/820-10-50-3Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482106/820-10-50-2 + Details Name: us-gaap_FairValueMeasurementWithUnobservableInputsReconciliationsRecurringBasisLiabilityValue Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionIndicates line item in statement in which other comprehensive income (OCI) is reported that includes gain (loss) from liability measured at fair value using unobservable input (level 3). + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482106/820-10-50-3Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (c)(1a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482106/820-10-50-2 + Details Name: us-gaap_FairValueRecurringBasisUnobservableInputReconciliationLiabilityGainLossStatementOfOtherComprehensiveIncomeExtensibleList Namespace Prefix: us-gaap_ Data Type: enum2:enumerationSetItemType Balance Type: na Period Type: duration X - DefinitionIndicates product and service for revenue from satisfaction of performance obligation by transferring promised product and service to customer. + ReferencesReference 1: http://www.xbrl.org/2003/role/exampleRef -Topic 606 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 91 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479777/606-10-55-91 + Details Name: us-gaap_RevenueFromContractWithCustomerProductAndServiceExtensibleList Namespace Prefix: us-gaap_ Data Type: enum2:enumerationSetItemType Balance Type: na Period Type: duration X - Details Name: us-gaap_DerivativeInstrumentRiskAxis=aa_FinanceRelatedDerivativeMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_IncomeStatementLocationAxis=us-gaap_NonoperatingIncomeExpenseMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_IncomeStatementLocationAxis=aa_OtherIncomeExpensesMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_DerivativeInstrumentRiskAxis=aa_PowerRelatedDerivativeMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_IncomeStatementLocationAxis=us-gaap_SalesMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_DerivativeInstrumentRiskAxis=aa_EmbeddedCreditDerivativeMember Namespace Prefix: Data Type: na Balance Type: Period Type: XML 80 R68.htm IDEA: XBRL DOCUMENT v3.24.2.u1 Derivatives and Other Financial Instruments - Schedule of Carrying Values and Fair Values of Other Financial Instruments (Detail) - USD ($) $ in Millions Jun. 30, 2024 Dec. 31, 2023 Derivative [Line Items] Â Â Short-term borrowings $ 31 $ 56 Carrying Value [Member] Â Â Derivative [Line Items] Â Â Cash and cash equivalents 1,396 944 Restricted cash 97 103 Short-term borrowings 31 56 Long-term debt due within one year 79 79 Long-term debt, less amount due within one year 2,469 1,732 Fair Value [Member] Â Â Derivative [Line Items] Â Â Cash and cash equivalents 1,396 944 Restricted cash 97 103 Short-term borrowings 31 56 Long-term debt due within one year 79 79 Long-term debt, less amount due within one year $ 2,477 $ 1,702 X - DefinitionFair value portion of currency on hand as well as demand deposits with banks or financial institutions. Includes other kinds of accounts that have the general characteristics of demand deposits. Also includes short-term, highly liquid investments that are both readily convertible to known amounts of cash and so near their maturity that they present insignificant risk of changes in value because of changes in interest rates. + ReferencesReference 1: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482106/820-10-50-2Reference 2: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482106/820-10-50-2 + Details Name: us-gaap_CashAndCashEquivalentsFairValueDisclosure Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - DefinitionFair value portion of debt instrument payable, including, but not limited to, notes payable and loans payable. + ReferencesReference 1: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2E -Publisher FASB -URI https://asc.fasb.org/1943274/2147482106/820-10-50-2EReference 2: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482106/820-10-50-2Reference 3: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (bbb)(2)(i) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482106/820-10-50-2Reference 4: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (bbb)(2) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482106/820-10-50-2Reference 5: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (bbb)(1) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482106/820-10-50-2Reference 6: http://www.xbrl.org/2003/role/exampleRef -Topic 470 -SubTopic 20 -Name Accounting Standards Codification -Section 55 -Paragraph 69B -Publisher FASB -URI https://asc.fasb.org/1943274/2147481568/470-20-55-69BReference 7: http://www.xbrl.org/2003/role/exampleRef -Topic 470 -SubTopic 20 -Name Accounting Standards Codification -Section 55 -Paragraph 69C -Publisher FASB -URI https://asc.fasb.org/1943274/2147481568/470-20-55-69CReference 8: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1D -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481139/470-20-50-1DReference 9: http://www.xbrl.org/2003/role/disclosureRef -Topic 825 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 10 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482907/825-10-50-10 + Details Name: us-gaap_DebtInstrumentFairValue Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionLine items represent financial concepts included in a table. These concepts are used to disclose reportable information associated with domain members defined in one or many axes to the table. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 815 -SubTopic 40 -Name Accounting Standards Codification -Section 50 -Paragraph 5 -Subparagraph (f) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480237/815-40-50-5 + Details Name: us-gaap_DerivativeLineItems Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionThe fair value amount of long-term debt whether such amount is presented as a separate caption or as a parenthetical disclosure. Additionally, this element may be used in connection with the fair value disclosures required in the footnote disclosures to the financial statements. The element may be used in both the balance sheet and disclosure in the same submission. + ReferencesReference 1: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482106/820-10-50-2Reference 2: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (bbb)(2)(i) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482106/820-10-50-2Reference 3: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (bbb)(2) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482106/820-10-50-2Reference 4: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (bbb)(1) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482106/820-10-50-2 + Details Name: us-gaap_LongTermDebtFairValue Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionAmount of cash restricted as to withdrawal or usage. Cash includes, but is not limited to, currency on hand, demand deposits with banks or financial institutions, and other accounts with general characteristics of demand deposits. + ReferencesReference 1: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 944 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.7-03(a)(2)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478777/944-210-S99-1Reference 2: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(1)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 3: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 230 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 8 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482913/230-10-50-8Reference 4: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 942 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.9-03(1)(a)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478546/942-210-S99-1 + Details Name: us-gaap_RestrictedCash Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - DefinitionReflects the total carrying amount as of the balance sheet date of debt having initial terms less than one year or the normal operating cycle, if longer. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(19)(a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 2: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 942 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.9-03(13)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478546/942-210-S99-1Reference 3: http://www.xbrl.org/2003/role/exampleRef -Topic 852 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 10 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481372/852-10-55-10Reference 4: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 944 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.7-03(a)(16)(a)(1)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478777/944-210-S99-1 + Details Name: us-gaap_ShortTermBorrowings Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - Details Name: us-gaap_FairValueByMeasurementBasisAxis=us-gaap_CarryingReportedAmountFairValueDisclosureMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_FairValueByMeasurementBasisAxis=us-gaap_EstimateOfFairValueFairValueDisclosureMember Namespace Prefix: Data Type: na Balance Type: Period Type: XML 81 R69.htm IDEA: XBRL

DOCUMENT v3.24.2.u1 Income Taxes - Additional Information (Detail) - USD ($) $ in Millions 3 Months Ended 6 Months Ended Jun. 30, 2024 Jun. 30, 2024 Aug. 01, 2024 Dec. 31, 2023 Income Taxes [Line Items] Â Â Â Effective federal statutory tax rate Â 21.00% Â Â Effective foreign statutory tax rate Â 21.00% Â Â Subsequent Event [Member] Â Â Â Â Income Taxes [Line Items] Â Â Â Deferred tax asset Â Â $ 100 Â Cost of Goods Sold [Member] Â Â Â Â Income Taxes [Line Items] Â Â Â Â Income tax benefits recorded in Cost of goods sold $ 10 $ 20 Â Â Other Receivables [Member] Â Â Â Â Income Taxes [Line Items] Â Â Â Â Income tax benefits due to inflation reduction act tax credits 36 36 Â $ 36 Other Noncurrent Assets [Member] Â Â Â Â Income Taxes [Line Items] Â Â Â Â Income tax benefits due to inflation reduction act tax credits $ 20 $ 20 Â X - DefinitionIncome tax benefits due to inflation reduction act tax credits. + ReferencesNo definition available. + Details Name: aa_IncomeTaxBenefitsDueToInflationReductionActTaxCredits Namespace Prefix: aa_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - DefinitionIncome tax benefits recorded in cost of goods sold. + ReferencesNo definition available. + Details Name: aa_IncomeTaxBenefitsRecordedInCostOfGoodsSold Namespace Prefix: aa_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionIncome taxes. + ReferencesNo definition available. + Details Name: aa_IncomeTaxesLineItems Namespace Prefix: aa_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionAmount after allocation of valuation allowances of deferred tax asset attributable to deductible temporary differences and carryforwards. + ReferencesReference 1: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 740 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482685/740-10-50-2 + Details Name: us-gaap_DeferredTaxAssetsNet Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - DefinitionPercentage of domestic federal statutory tax rate applicable to pretax income (loss). + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 740 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 12 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482685/740-10-50-12Reference 2: http://www.xbrl.org/2003/role/exampleRef -Topic 740 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 231 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482663/740-10-55-231Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 740 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SAB Topic 6.I.1.Q1) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479360/740-10-S99-1Reference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 235 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.4-08(h)(2)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480678/235-10-S99-1 + Details Name: us-gaap_EffectiveIncomeTaxRateReconciliationAtFederalStatutoryIncomeTaxRate Namespace Prefix: us-gaap_ Data Type: dtr-types:percentItemType Balance Type: na Period Type: duration X - DefinitionPercentage of the difference between reported income tax expense (benefit) and expected income tax expense (benefit) computed by applying the domestic federal statutory income tax rates to pretax income (loss) from continuing operations applicable to statutory income tax expense (benefit) outside of the country of domicile. + ReferencesReference 1: http://www.xbrl.org/2003/role/exampleRef -Topic 740 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 231 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482663/740-10-55-231Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 740 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 12 -Subparagraph (b)(2) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482685/740-10-50-12Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 740 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 12A -Subparagraph (a)(2) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482685/740-10-50-12AReference 4: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 740 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 12 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482685/740-10-50-12Reference 5: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 235 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.4-08(h)(2)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480678/235-10-S99-1 + Details Name: us-gaap_EffectiveIncomeTaxRateReconciliationForeignIncomeTaxRateDifferential Namespace Prefix: us-gaap_ Data Type: dtr-types:percentItemType Balance Type: na Period Type: duration X - Details Name: us-gaap_SubsequentEventTypeAxis=us-gaap_SubsequentEventMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_IncomeStatementLocationAxis=us-gaap_CostOfSalesMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_BalanceSheetLocationAxis=aa_OtherReceivablesMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_BalanceSheetLocationAxis=us-gaap_OtherNoncurrentAssetsMember Namespace Prefix: Data Type: na Balance Type: Period Type: XML 82 R70.htm IDEA: XBRL DOCUMENT v3.24.2.u1 Income Taxes - Schedule of Income Taxes (Detail) - USD ($) $ in Millions 3 Months Ended 6 Months Ended Jun. 30, 2024 Jun. 30, 2023 Jun. 30, 2024 Jun. 30, 2023 Income Tax Disclosure [Abstract] Â Â Â Â Loss before income taxes $ 92 $ (99) $ (233) $ (279) Estimated annualized effective tax rate Â Â 105.10% (29.30%) Income tax (benefit) expense Â Â $ (245) $ 82 Unfavorable (favorable) tax impact related to losses in jurisdictions with no tax benefit Â Â 288 (11) Discrete tax expense Â Â 3 Provision for income taxes $ 61 $ 22 $ 43 $ 74 X - DefinitionDiscrete tax (benefit) expense. + ReferencesNo definition available. + Details Name: aa_DiscreteTaxBenefitExpense Namespace Prefix: aa_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionEstimated annualized effective tax rate. + ReferencesNo definition available. + Details Name: aa_EstimatedAnnualizedEffectiveTaxRate Namespace Prefix: aa_ Data Type: dtr-types:percentItemType Balance Type: na Period Type: duration X - DefinitionIncome tax expense (benefit) from estimated annualized effective tax rate. + ReferencesNo definition available. + Details Name: aa_IncomeTaxExpenseBenefitFromEstimatedAnnualizedEffectiveTaxRate Namespace Prefix: aa_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionUnfavorable (favorable) impact income tax expense benefit. + ReferencesNo definition available. + Details Name: aa_UnfavorableFavorableImpactIncomeTaxExpenseBenefit Namespace Prefix: aa_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionAmount of income (loss) from continuing operations, including income (loss) from equity method investments, before deduction of income tax expense (benefit), and income (loss) attributable to noncontrolling interest. + ReferencesReference 1: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 22 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-22Reference 2: http://www.xbrl.org/2003/role/exampleRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 48 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482785/280-10-55-48Reference 3: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 32 -Subparagraph (f) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-32Reference 4: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 30 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-30Reference 5: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 270 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (i) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482964/270-10-50-1Reference 6: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 32 -Subparagraph (ee) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-32Reference 7: http://fasb.org/us-gaap/role/ref/otherTransitionRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 32 -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-32Reference 8: http://www.xbrl.org/2003/role/disclosureRef -Topic 944 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.7-04(11)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477250/944-220-S99-1Reference 9: http://www.xbrl.org/2003/role/exampleRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 31 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-31Reference 10: http://www.xbrl.org/2003/role/disclosureRef -Topic 942 -SubTopic 235 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.9-05(b)(2)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477314/942-235-S99-1Reference 11: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 2 -Subparagraph (SX 5.03(10)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483621/220-10-S99-2Reference 12: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 942 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.9-04(15)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478524/942-220-S99-1 + Details Name: us-gaap_IncomeLossFromContinuingOperationsBeforeIncomeTaxesExtraordinaryItemsNoncontrollingInterest Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - ReferencesNo definition available. + Details Name: us-gaap_IncomeTaxDisclosureAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionAmount of current income tax expense (benefit) and deferred income tax expense (benefit) pertaining to continuing operations. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 270 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (i) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482964/270-10-50-1Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 32 -Subparagraph (ee) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-32Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 740 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 12 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482685/740-10-50-12Reference 4: http://www.xbrl.org/2003/role/exampleRef -Topic 740 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 231 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482663/740-10-55-231Reference 5: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 9 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-9Reference 6: http://www.xbrl.org/2003/role/disclosureRef -Topic 740 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SAB Topic 6.I.7) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479360/740-10-S99-1Reference 7: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 8 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-8Reference 8: http://www.xbrl.org/2003/role/disclosureRef -Topic 740 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 10 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482685/740-10-50-10Reference 9: http://www.xbrl.org/2003/role/disclosureRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 22 -Subparagraph (h) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-22Reference 10: http://www.xbrl.org/2003/role/disclosureRef -Topic 944 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.7-04(9)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477250/944-220-S99-1Reference 11: http://www.xbrl.org/2003/role/disclosureRef -Name Accounting Standards Codification -Section 45 -Paragraph 2 -Subparagraph (a) -SubTopic 20 -Topic 740 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482659/740-20-45-2Reference 12: http://www.xbrl.org/2003/role/disclosureRef -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.4-08(h)) -SubTopic 10 -Topic 235 -Publisher FASB -URI https://asc.fasb.org/1943274/2147480678/235-10-S99-1 + Details Name: us-gaap_IncomeTaxExpenseBenefit Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration XML 83 R71.htm IDEA: XBRL DOCUMENT v3.24.2.u1 Contingencies - Additional Information (Detail) $ in Millions 3 Months Ended 6 Months Ended 12 Months Ended Jun. 30, 2024 USD ($) Jun. 30, 2023 USD ($) Jun. 30, 2024 USD ($) Project Jun. 30, 2023 USD ($) Dec. 31, 2023 USD ($) Dec. 31, 2022 USD ($) Loss Contingencies [Line Items] Â Â Â Â Â Â Liabilities incurred Â $ 4 $ 1 $ 18 $ 39 Â Payments against the reserve $ 10 16 16 23 55 Â Reversals of previously recorded liabilities Â Â (1) 1 Â Environmental remediation reserve balance, current $ 61 Â $ 61 Â $ 66 Â Environmental Loss Contingency, Current, Statement of Financial Position [Extensible Enumeration] Other Liabilities, Current Â Other Liabilities, Current Â Other Liabilities, Current Â Active or future remediation for significant sites $ 199 Â $ 199 Â $ 211 Â Accrued environmental reserves 252 Â $ 252 Â 268 $ 284 Ongoing Remediation Work [Member] Â Â Â Â Â Â Loss Contingencies [Line Items] Â Â Â Â Â Â Liabilities incurred Â $ 4 Â Â Â Intalco Aluminum Smelter [Member] Â Â Â Â Â Â Loss Contingencies [Line Items] Â Â Â Â Â Â Liabilities incurred Â Â $ 14 Â Â Â Massena, New York [Member] | Minimum [Member] Â Â Â Â Â Â Loss Contingencies [Line Items] Â Â Â Â Â Â Environmental remediation work completion period Â 4 years Â Â Â Massena, New York [Member] | Maximum [Member] Â Â Â Â Â Â Loss Contingencies [Line Items] Â Â Â Â Â Â Environmental remediation work completion period Â 8 years Â Â Â Addy, Washington [Member] | Minimum [Member] Â Â Â Â Â Â Loss Contingencies [Line Items] Â Â Â Â Â Â Environmental remediation work completion period Â 3 years Â Â Â Addy, Washington [Member] | Maximum [Member] Â Â Â Â Â Â Loss Contingencies [Line Items] Â Â Â Â Â Â Environmental remediation work completion period Â 5 years Â Â Â Ferndale, Washington [Member] Â Â Â Â Â Â Loss Contingencies [Line Items] Â Â Â Â Â Â Post-closure maintenance and monitoring period Â 5 years Â Â Â Other Sites [Member] Â Â Â Â Â Â Loss Contingencies [Line Items] Â Â Â Â Â Â Number of remediation projects | Project Â 32 Â Â Â Accrued environmental reserves $ 53 Â $ 53 Â $ 57 Â X - DefinitionAccrual environmental loss active remediation future remediation for significant individual sites. + ReferencesNo definition available. + Details Name: aa_AccrualEnvironmentalLossActiveRemediationFutureRemediationForSignificantIndividualSites Namespace Prefix: aa_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionEnvironmental remediation work completion period. + ReferencesNo definition available. + Details Name: aa_EnvironmentalRemediationWorkCompletionPeriod Namespace Prefix: aa_ Data Type: xbrli:durationItemType Balance Type: na Period Type: duration X - DefinitionNumber of remediation projects. + ReferencesNo definition available. + Details Name: aa_NumberOfRemediationProjects Namespace Prefix: aa_ Data Type: xbrli:integerItemType Balance Type: na Period Type: duration X - DefinitionPost-closure maintenance and monitoring period. + ReferencesNo definition available. + Details Name: aa_PostClosureMaintenanceAndMonitoringPeriod Namespace Prefix: aa_ Data Type: xbrli:durationItemType Balance Type: na Period Type: duration X - DefinitionTotal costs accrued as of the balance sheet date for environmental loss contingencies. + ReferencesReference 1: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 450 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483076/450-20-50-1Reference 2: http://www.xbrl.org/2003/role/recommendedDisclosureRef -Topic 410 -SubTopic 30 -Name Accounting Standards Codification -Section 50 -Paragraph 10 -Subparagraph (d)(1) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481931/410-30-50-10Reference 3: http://www.xbrl.org/2003/role/recommendedDisclosureRef -Topic 410 -SubTopic 30 -Name Accounting Standards Codification -Section 50 -Paragraph 10 -Subparagraph (d)(3) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481931/410-30-50-10Reference 4: http://www.xbrl.org/2003/role/exampleRef -Topic 410 -SubTopic 30 -Name Accounting Standards Codification -Section 55 -Paragraph 16 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481899/410-30-55-16Reference 5: http://www.xbrl.org/2003/role/disclosureRef -Topic 450 -SubTopic 20 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SAB Topic 5.Y.Q1) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480102/450-20-S99-1Reference 6: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 410 -SubTopic 30 -Name Accounting Standards Codification -Section 50 -Paragraph 7 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481931/410-30-50-7 + Details Name: us-gaap_AccrualForEnvironmentalLossContingencies Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionAmount of expense for newly incurred environmental loss contingencies. Includes, but is not limited to, remediation expense and interest accretion. + ReferencesReference 1: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 450 -SubTopic 20 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SAB Topic 5.Y.Q1) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480102/450-20-S99-1 + Details Name: us-gaap_AccrualForEnvironmentalLossContingenciesChargesToExpenseForNewLosses Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionAmount of expense (reversal of expense) which increases (decreases) the accrual for environmental loss contingencies from revisions in estimates to existing obligations. Excludes changes related to business acquisitions, divestitures, or currency movement. + ReferencesReference 1: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 450 -SubTopic 20 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SAB Topic 5.Y.Q1) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480102/450-20-S99-1 + Details Name: us-gaap_AccrualForEnvironmentalLossContingenciesIncreaseDecreaseForRevisionInEstimates Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionAmount of cash outflow to settle environmental loss contingencies. + ReferencesReference 1: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 450 -SubTopic 20 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SAB Topic 5.Y.Q1) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480102/450-20-S99-1Reference 2: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 230 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 17 -Subparagraph (f) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-17 + Details Name: us-gaap_AccrualForEnvironmentalLossContingenciesPayments1 Namespace Prefix: us-gaap_ Data Type:

xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionCarrying value of the obligation (known or estimated) arising from requirements to perform activities to remediate one or more sites, payable in twelve months or in the next operating cycle if longer. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(20)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 2: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 450 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483076/450-20-50-1Reference 3: http://www.xbrl.org/2003/role/exampleRef -Topic 410 -SubTopic 30 -Name Accounting Standards Codification -Section 55 -Paragraph 11 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481899/410-30-55-11Reference 4: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 410 -SubTopic 30 -Name Accounting Standards Codification -Section 50 -Paragraph 7 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481931/410-30-50-7Reference 5: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 410 -SubTopic 30 -Name Accounting Standards Codification -Section 50 -Paragraph 10 -Subparagraph (d)(1) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481931/410-30-50-10 + Details Name: us-gaap_AccruedEnvironmentalLossContingenciesCurrent Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionIndicates line item in statement of financial position that includes accrual for environmental loss contingency classified as current. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 450 -SubTopic 20 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SAB Topic 5.Y.Q4) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480102/450-20-S99-1 + Details Name: us-gaap_EnvironmentalLossContingencyCurrentStatementOfFinancialPositionExtensibleEnumeration Namespace Prefix: us-gaap_ Data Type: enum2:enumerationSetItemType Balance Type: na Period Type: instant X - DefinitionLine items represent financial concepts included in a table. These concepts are used to disclose reportable information associated with domain members defined in one or many axes to the table. + ReferencesReference 1: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 450 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 4 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483076/450-20-50-4Reference 2: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 450 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 9 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483076/450-20-50-9Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 720 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483359/720-20-50-1Reference 4: http://www.xbrl.org/2003/role/exampleRef -Topic 460 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 27 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482395/460-10-55-27Reference 5: http://www.xbrl.org/2003/role/disclosureRef -Topic 450 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 9 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483076/450-20-50-9Reference 6: http://www.xbrl.org/2003/role/disclosureRef -Topic 450 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 4 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483076/450-20-50-4Reference 7: http://www.xbrl.org/2003/role/disclosureRef -Topic 460 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482425/460-10-50-3Reference 8: http://www.xbrl.org/2003/role/disclosureRef -Topic 450 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483076/450-20-50-1 + Details Name: us-gaap_LossContingenciesLineItems Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - Details Name: us-gaap_RestructuringCostAndReserveAxis=aa_OngoingRemediationWorkMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_LossContingenciesByNatureOfContingencyAxis=aa_IntalcoAluminumSmelterMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: srt_StatementGeographicalAxis=aa_MassenaNewYorkMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: srt_RangeAxis=srt_MinimumMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: srt_RangeAxis=srt_MaximumMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: srt_StatementGeographicalAxis=aa_AddyWashingtonMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: srt_StatementGeographicalAxis=aa_FerndaleWashingtonMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: srt_StatementGeographicalAxis=aa_OtherSitesMember Namespace Prefix: Data Type: na Balance Type: Period Type: XML 84 R72.htm IDEA: XBRL DOCUMENT v3.24.2.u1 Contingencies - Additional Information - 1 (Detail) R$ in Millions, $ in Millions, $ in Millions 1 Months Ended 3 Months Ended 6 Months Ended 12 Months Ended Sep. 17, 2020 USD ($) Sep. 17, 2020 AUD ($) Aug. 31, 2022 USD ($) Aug. 31, 2022 BRL (R$) Jul. 31, 2022 USD ($) Jul. 31, 2022 BRL (R$) Mar. 31, 2022 USD ($) Mar. 31, 2022 BRL (R$) Feb. 28, 2022 USD ($) Feb. 28, 2022 BRL (R$) Mar. 31, 2013 USD ($) May 31, 2012 USD ($) May 31, 2012 BRL (R$) Sep. 30, 2020 USD ($) Jun. 30, 2024 USD ($) Jun. 30, 2024 BRL (R$) Dec. 31, 2012 USD ($) Dec. 31, 2012 BRL (R$) Jun. 30, 2024 AUD ($) Dec. 31, 2023 USD ($) Dec. 31, 2023 AUD ($) Jul. 31, 2022 BRL (R$) Feb. 28, 2022 BRL (R$) Sep. 30, 2020 AUD ($) Jul. 07, 2020 USD ($) Jul. 07, 2020 AUD ($) Mar. 31, 2013 BRL (R$) Dec. 31, 2012 BRL (R$) Loss Contingencies [Line Items] Â Other noncurrent liabilities and deferred credits Â Â Â Â Â Â Â Â Â Â Â $ 591 Â Â Â Â $ 568 Â Â Â Â Â Â Â AWAC [Member] | Alumina Limited [Member] Â Loss Contingencies [Line Items] Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Non-controlling interest, ownership percentage Â Â Â Â Â Â Â Â Â Â Â Â 40.00% Â Â Â 40.00% Â Â Â Â Â Â Â Â Australian Taxation Office [Member] | Foreign Jurisdiction [Member] | AofA [Member] Â Loss Contingencies [Line Items] Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Additional income tax payable, exclusive of interest and penalties Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â $ 143 $ 214 Â Â Notices include claims for compounded interest on the tax amount Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â $ 474 $ 707 Â Â Proposed administrative penalties $ 86 $ 128 Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Payment of dispute resolution practices income tax percentage Â Â Â Â Â Â Â Â Â Â Â Â Â Â 50.00% Â Â Â Â Â Â Â Â Assessed income tax amount exclusive of interest and penalties Â Â Â Â Â Â Â Â Â Â $ 74 Â Â Â Â Â Â Â Â $ 107 Â Â Â Payment amount refund percentage Â Â Â Â Â Â Â Â Â Â Â Â Â 50.00% Â Â Â Â Â Â Â Â Other noncurrent liabilities and deferred credits Â Â Â Â Â Â Â Â Â Â Â Â Â $ 209 Â Â Â $ 312 $ 199 $ 293 Â Â Â Â Â Â Tax assessment deposit Â Â Â Â Â Â Â Â Â Â Â Â Â $ 72 Â Â Â $ 107 Â Â Â Â Â Â Alcoa World Alumina Brasil [Member] | Brazilian Federal Revenue Office [Member] Â Loss Contingencies [Line Items] Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Disallowed tax credits Â Â Â $ 13 Â Â Â $ 4 Â $ 110 Â Â Â Â Â Â Â Â Â R$ 66 R$ 19 Â Â R$ 220 Â Percentage of penalty of the gross disallowed amount Â Â Â Â Â Â Â Â Â Â 50.00% Â Â Â Â Â Â Â Â Â Â Value added tax receivable Â Â $ 6 R$ 31 $ 10 R$ 53 $ 9 R$ 44 $ 14 R$ 65 Â $ 41 R$ 82 Â Â Â Â Â Â Â Â Â Â Â Â Â Â Federal value added tax credits Â Â Â Â Â Â Â Â Â Â Â Â $ 136 Â Â Â Â Â Â Â Â Â Â R$ 273 Value added tax refund received Â Â Â Â Â Â Â Â Â Â Â Â Â $ 68 R$ 136 Â Â Â Â Â Â Alcoa Corporation [Member] | AWAC [Member] Â Ownership interest percentage Â Â Â Â Â Â Â Â Â Â Â Â Â 60.00% Â Â 60.00% Â Â Â Â Â Â Â Â Minimum [Member] | Alcoa World Alumina Brasil [Member] | Brazilian Federal Revenue Office [Member] Â Loss Contingencies [Line Items] Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Charge recorded in provision for income taxes to establish liability for estimated loss Â Â Â Â Â Â Â Â Â Â Â Â Â Â $ 0 Â Â Â Â Â Â Â Â Â Â Maximum [Member] | Alcoa World Alumina Brasil [Member] | Brazilian Federal Revenue Office [Member] Â Loss Contingencies [Line Items] Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Charge recorded in provision for income taxes to establish liability for estimated loss Â Â Â Â Â Â Â Â Â Â Â Â Â Â $ 55 R$ 305 Â Â Â Â Â Â Â Â Â Â Â Â X - DefinitionAssessed income tax amount exclusive of interest and penalties. + ReferencesNo definition available. + Details Name: aa_AssessedIncomeTaxAmountExclusiveOfInterestAndPenalties Namespace Prefix: aa_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionIncome tax payable, possible unrecorded assessed amount from taxing authority. + ReferencesNo definition available. + Details Name: aa_IncomeTaxPayablePossibleUnrecordedAssessedAmountFromTaxingAuthority Namespace Prefix: aa_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionNotices include claims for compounded interest on the tax amount. + ReferencesNo definition available. + Details Name: aa_NoticesIncludeClaimsForCompoundedInterestOnTheTaxAmount Namespace Prefix: aa_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionPayment amount refund percentage. + ReferencesNo definition available. + Details Name: aa_PaymentAmountRefundPercentage Namespace Prefix: aa_ Data Type: dtr-types:percentItemType Balance Type: na Period Type: duration X - DefinitionPayment of disputed tax amount, percentage. + ReferencesNo definition available. + Details Name: aa_PaymentOfDisputedTaxAmountPercentage Namespace Prefix: aa_ Data Type: dtr-types:percentItemType Balance Type: na Period Type: duration X - DefinitionPercentage of penalty on amount of additional taxes due. + ReferencesNo definition available. + Details Name: aa_PercentageOfPenaltyOnAmountOfAdditionalTaxesDue Namespace Prefix: aa_ Data Type: dtr-types:percentItemType Balance Type: na Period Type: duration X - DefinitionProposed administrative penalties. + ReferencesNo definition available. + Details Name: aa_ProposedAdministrativePenalties Namespace Prefix: aa_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionTax assessment deposit. + ReferencesNo definition available. + Details Name: aa_TaxAssessmentDeposit Namespace Prefix: aa_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - DefinitionTax credit previously claimed and disallowed by tax authority. + ReferencesNo definition available. + Details Name: aa_TaxCreditPreviouslyClaimedAndDisallowedByTaxAuthority Namespace Prefix: aa_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionValue added tax refund received. + ReferencesNo definition available. + Details Name: aa_ValueAddedTaxRefundReceived Namespace Prefix: aa_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionCarrying amount as of the balance sheet date of unearned revenue or income, not otherwise specified in the taxonomy, which is expected to be taken into income after one year or beyond the normal operating cycle, if longer and noncurrent obligations not separately disclosed in the balance sheet (other liabilities, noncurrent). + ReferencesNo definition available. + Details Name: us-gaap_DeferredCreditsAndOtherLiabilitiesNoncurrent Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionA credit or adjustment for government or taxing authority authorized decrease in taxes owed as a result of meeting certain tax policy conditions. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 230 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 28 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-28 + Details Name: us-gaap_IncomeTaxCreditsAndAdjustments Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionEstimated amount of loss resulting from an adverse tax position. + ReferencesReference 1: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 740 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 15 -Subparagraph (e) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482685/740-10-50-15 + Details Name: us-gaap_IncomeTaxExaminationEstimateOfPossibleLoss Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionLine items represent financial concepts included in a table. These concepts are used to disclose reportable information associated with domain members defined in one or many axes to the table. + ReferencesReference 1: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 450 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 4 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483076/450-20-50-4Reference 2: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 450 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 9 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483076/450-20-50-9Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 720 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483359/720-20-50-1Reference 4: http://www.xbrl.org/2003/role/exampleRef -Topic 460 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 27 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482395/460-10-55-27Reference 5: http://www.xbrl.org/2003/role/disclosureRef -Topic 450 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 9 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483076/450-20-50-9Reference 6: http://www.xbrl.org/2003/role/disclosureRef -Topic 450 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 4 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483076/450-20-50-4Reference 7: http://www.xbrl.org/2003/role/disclosureRef -Topic 460 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482425/460-10-50-3Reference 8: http://www.xbrl.org/2003/role/disclosureRef -Topic 450 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483076/450-20-50-1 + Details Name: us-gaap_LossContingenciesLineItems Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionThe equity interest of noncontrolling shareholders, partners or other equity holders in consolidated entity. + ReferencesNo definition available. + Details Name: us-gaap_MinorityInterestOwnershipPercentageByNoncontrollingOwners Namespace Prefix: us-gaap_ Data Type: dtr-types:percentItemType Balance Type: na Period Type: instant X - DefinitionThe parent entity's interest in net assets of the subsidiary, expressed as a percentage. + ReferencesNo definition available. + Details Name: us-gaap_MinorityInterestOwnershipPercentageByParent Namespace Prefix: us-gaap_ Data Type: dtr-types:percentItemType Balance Type: na Period Type: instant X - DefinitionCarrying amount as of the balance sheet date of value added taxes due either from customers arising from sales on credit terms, or as previously overpaid to tax authorities. + ReferencesReference 1: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(3)(a)(4)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1 + Details Name: us-gaap_ValueAddedTaxReceivable Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - Details Name: srt_OwnershipAxis=aa_AlcoaWorldAluminaAndChemicalsMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_ScheduleOfEquityMethodInvestmentEquityMethodInvesteeNameAxis=aa_AluminaLimitedMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_IncomeTaxAuthorityNameAxis=us-gaap_AustralianTaxationOfficeMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_IncomeTaxAuthorityAxis=us-gaap_ForeignCountryMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: srt_ConsolidatedEntitiesAxis=aa_AlcoaOfAustraliaLimitedMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: dei_LegalEntityAxis=aa_AlcoaWorldAluminaBrasilMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_IncomeTaxAuthorityNameAxis=aa_BrazilianFederalRevenueOfficeMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: dei_LegalEntityAxis=aa_AlcoaCorporationMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: srt_RangeAxis=srt_MinimumMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: srt_RangeAxis=srt_MaximumMember Namespace Prefix: Data Type: na Balance Type: Period Type: XML 85 R73.htm IDEA: XBRL DOCUMENT v3.24.2.u1 Contingencies - Changes in Carrying Value of Recorded Environmental Remediation Reserves (Detail) - USD ($) $ in Millions 3 Months Ended 6 Months Ended 12 Months Ended Jun. 30, 2024 Jun. 30, 2023 Jun. 30, 2024 Jun. 30, 2023 Dec. 31, 2023 Commitments and Contingencies Disclosure [Abstract] Â Â Â Â Â Beginning balance Â Â Â $ 268 $ 284 $ 284 Environmental Loss Contingency, Statement of Financial Position [Extensible Enumeration] Â Â Â Environmental remediation (O) Liabilities incurred Â $ 4 1 18 $ 39 Cash payments $ (10) $ (16) (23) (55) Reversals of previously recorded liabilities Â Â Â $ 1 (1) Foreign currency translation and other Â Â (1) Â 1 Ending balance $ 252 Â $ 252 Â $ 268 X - DefinitionAccrual for environmental loss contingencies foreign currency translation gain (loss) and other. + ReferencesNo definition available. + Details Name: aa_AccrualForEnvironmentalLossContingenciesForeignCurrencyTranslationGainLossAndOther Namespace Prefix: aa_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionTotal costs accrued as of the balance sheet date for environmental loss contingencies. + ReferencesReference 1: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 450 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483076/450-20-50-1Reference 2: http://www.xbrl.org/2003/role/recommendedDisclosureRef -Topic 410 -SubTopic 30 -Name Accounting Standards Codification -Section 50 -Paragraph 10 -Subparagraph (d)(1) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481931/410-30-50-10Reference 3: http://www.xbrl.org/2003/role/recommendedDisclosureRef -Topic 410 -SubTopic 30 -Name Accounting Standards Codification -Section 50 -Paragraph 10 -Subparagraph (d)(3) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481931/410-30-50-10Reference 4:

http://www.xbrl.org/2003/role/exampleRef -Topic 410 -SubTopic 30 -Name Accounting Standards Codification -Section 55 -Paragraph 16 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481899/410-30-55-16Reference 5: http://www.xbrl.org/2003/role/disclosureRef -Topic 450 -SubTopic 20 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SAB Topic 5.Y.Q1) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480102/450-20-S99-1Reference 6: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 410 -SubTopic 30 -Name Accounting Standards Codification -Section 50 -Paragraph 7 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481931/410-30-50-7 + Details Name: us-gaap_AccrualForEnvironmentalLossContingencies Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionAmount of expense for newly incurred environmental loss contingencies. Includes, but is not limited to, remediation expense and interest accretion. + ReferencesReference 1: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 450 -SubTopic 20 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SAB Topic 5.Y.Q1) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480102/450-20-S99-1 + Details Name: us-gaap_AccrualForEnvironmentalLossContingenciesChargesToExpenseForNewLosses Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionAmount of expense (reversal of expense) which increases (decreases) the accrual for environmental loss contingencies from revisions in estimates to existing obligations. Excludes changes related to business acquisitions, divestitures, or currency movement. + ReferencesReference 1: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 450 -SubTopic 20 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SAB Topic 5.Y.Q1) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480102/450-20-S99-1 + Details Name: us-gaap_AccrualForEnvironmentalLossContingenciesIncreaseDecreaseForRevisionInEstimates Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionAmount of cash outflow to settle environmental loss contingencies. + ReferencesReference 1: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 450 -SubTopic 20 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SAB Topic 5.Y.Q1) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480102/450-20-S99-1Reference 2: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 230 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 17 -Subparagraph (f) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-17 + Details Name: us-gaap_AccrualForEnvironmentalLossContingenciesPayments1 Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - ReferencesNo definition available. + Details Name: us-gaap_CommitmentsAndContingenciesDisclosureAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionIndicates line item in statement of financial position that includes accrual for environmental loss contingency. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 450 -SubTopic 20 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SAB Topic 5.Y.Q4) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480102/450-20-S99-1Reference 2: http://www.xbrl.org/2003/role/exampleRef -Topic 410 -SubTopic 30 -Name Accounting Standards Codification -Section 55 -Paragraph 16 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481899/410-30-55-16 + Details Name: us-gaap_EnvironmentalLossContingencyStatementOfFinancialPositionExtensibleEnumeration Namespace Prefix: us-gaap_ Data Type: enum2:enumerationSetItemType Balance Type: na Period Type: instant XML 86 R74.htm IDEA: XBRL DOCUMENT v3.24.2.u1 Contingencies - Estimate Timing of Cash Outflows on Environmental Reserves (Detail) - USD ($) $ in Millions Jun. 30, 2024 Dec. 31, 2023 Dec. 31, 2022 Commitments and Contingencies Disclosure [Abstract] Â Â Â 2024 (excluding the six months ended June 30, 2024) $ 48 Â Â 2025 - 2029 119 Â Â Thereafter 85 Â Â Total $ 252 $ 268 $ 284 X - DefinitionAccrual for environmental loss contingencies undiscounted one to five year. + ReferencesNo definition available. + Details Name: aa_AccrualForEnvironmentalLossContingenciesUndiscountedOneToFiveYear Namespace Prefix: aa_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionTotal costs accrued as of the balance sheet date for environmental loss contingencies. + ReferencesReference 1: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 450 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483076/450-20-50-1Reference 2: http://www.xbrl.org/2003/role/recommendedDisclosureRef -Topic 410 -SubTopic 30 -Name Accounting Standards Codification -Section 50 -Paragraph 10 -Subparagraph (d)(1) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481931/410-30-50-10Reference 3: http://www.xbrl.org/2003/role/recommendedDisclosureRef -Topic 410 -SubTopic 30 -Name Accounting Standards Codification -Section 50 -Paragraph 10 -Subparagraph (d)(3) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481931/410-30-50-10Reference 4: http://www.xbrl.org/2003/role/exampleRef -Topic 410 -SubTopic 30 -Name Accounting Standards Codification -Section 55 -Paragraph 16 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481899/410-30-55-16Reference 5: http://www.xbrl.org/2003/role/disclosureRef -Topic 450 -SubTopic 20 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SAB Topic 5.Y.Q1) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480102/450-20-S99-1Reference 6: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 410 -SubTopic 30 -Name Accounting Standards Codification -Section 50 -Paragraph 7 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481931/410-30-50-7 + Details Name: us-gaap_AccrualForEnvironmentalLossContingencies Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionUndiscounted amount of accrual for environmental loss contingency to be paid after fifth fiscal year following current fiscal year. Excludes interim and annual periods when interim periods are reported from current statement of financial position date (rolling approach). + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 450 -SubTopic 20 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SAB Topic 5.Y.Q1) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480102/450-20-S99-1Reference 2: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 410 -SubTopic 30 -Name Accounting Standards Codification -Section 50 -Paragraph 7 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481931/410-30-50-7 + Details Name: us-gaap_AccrualForEnvironmentalLossContingenciesUndiscountedDueAfterFifthYear Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionUndiscounted amount of accrual for environmental loss contingency to be paid in remainder of current fiscal year. Excludes interim and annual periods when interim periods are reported from current statement of financial position date (rolling approach). + ReferencesReference 1: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 450 -SubTopic 20 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SAB Topic 5.Y.Q1) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480102/450-20-S99-1Reference 2: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 410 -SubTopic 30 -Name Accounting Standards Codification -Section 50 -Paragraph 7 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481931/410-30-50-7 + Details Name: us-gaap_AccrualForEnvironmentalLossContingenciesUndiscountedDueInRemainderOfFiscalYear Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - ReferencesNo definition available. + Details Name: us-gaap_CommitmentsAndContingenciesDisclosureAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration XML 87 R75.htm IDEA: XBRL DOCUMENT v3.24.2.u1 Other Financial Information - Schedule of Other (Income) Expenses, Net (Detail) - USD ($) $ in Millions 3 Months Ended 6 Months Ended Jun. 30, 2024 Jun. 30, 2023 Jun. 30, 2024 Jun. 30, 2023 Other Income and Expenses [Abstract] Â Â Â Â Equity (gain) loss $ (22) $ 44 $ 5 $ 139 Foreign currency losses (gains), net 57 (39) 81 (55) Net loss from asset sales 6 1 17 15 Net (gain) loss on mark-to-market derivative instruments (54) 9 (49) (17) Non-service costs - pension and other postretirement benefits 4 3 8 6 Other, net (13) (12) (25) (28) Other expenses, net $ (22) $ 6 $ 37 $ 60 X - DefinitionThis item represents the entity's proportionate share for the period of the net income (loss) of its investee (such as unconsolidated subsidiaries and joint ventures) to which the equity method of accounting is applied and is reflected as nonoperating income on the Statement of Consolidated Operations. + ReferencesNo definition available. + Details Name: aa_IncomeLossFromEquityMethodInvestmentsNonoperating Namespace Prefix: aa_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionAmount, before tax, of realized and unrealized gain (loss) from foreign currency transaction. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.6-07(7)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479134/946-220-S99-1Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 830 -SubTopic 20 -Name Accounting Standards Codification -Section 35 -Paragraph 1 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482014/830-20-35-1Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 830 -SubTopic 20 -Name Accounting Standards Codification -Section 45 -Paragraph 1 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481956/830-20-45-1Reference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 830 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481926/830-20-50-1Reference 5: http://www.xbrl.org/2003/role/disclosureRef -Topic 830 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 17 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481839/830-10-45-17 + Details Name: us-gaap_ForeignCurrencyTransactionGainLossBeforeTax Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionAmount of gain (loss) on sale or disposal of property, plant and equipment assets, excluding oil and gas property and timber property. + ReferencesReference 1: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 230 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 28 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-28Reference 2: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 360 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 5 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482130/360-10-45-5Reference 3: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 360 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482099/360-10-50-3 + Details Name: us-gaap_GainLossOnDispositionOfAssets Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionThe aggregate amount of income or expense from ancillary business-related activities (that is to say, excluding major activities considered part of the normal operations of the business). + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 2 -Subparagraph (SX 210.5-03(7)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483621/220-10-S99-2 + Details Name: us-gaap_NonoperatingIncomeExpense Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - ReferencesNo definition available. + Details Name: us-gaap_OtherIncomeAndExpensesAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionAmount of income (expense) related to nonoperating activities, classified as other. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 2 -Subparagraph (SX 210.5-03(9)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483621/220-10-S99-2 + Details Name: us-gaap_OtherNonoperatingIncomeExpense Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionAmount of cost (reversal of cost) for pension and other postretirement benefits. + ReferencesNo definition available. + Details Name: us-gaap_PensionAndOtherPostretirementBenefitExpense Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionThe net change in the difference between the fair value and the carrying value, or in the comparative fair values, of derivative instruments, including options, swaps, futures, and forward contracts, held at each balance sheet date, that was included in earnings for the period. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section 45 -Paragraph 28 -Subparagraph (b) -SubTopic 10 -Topic 230 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-28Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.6-07(7)(c)(3)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479134/946-220-S99-1Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.6-07(7)(c)(5)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479134/946-220-S99-1Reference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.6-07(7)(c)(6)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479134/946-220-S99-1Reference 5: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.6-07(7)(c)(7)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479134/946-220-S99-1Reference 6: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 320 -Name Accounting Standards Codification -Section S99 -Paragraph 5A -Subparagraph (SX 210.12-13A(Column F)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477271/946-320-S99-5A + Details Name: us-gaap_UnrealizedGainLossOnDerivatives Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration XML 88 R76.htm IDEA: XBRL DOCUMENT v3.24.2.u1 Other Financial Information - Schedule of Other Noncurrent Assets (Detail) - USD ($) $ in Millions Jun. 30, 2024 Dec. 31, 2023 Other Financial Information [Abstract] Â Â Prepaid gas transmission contract $ 296 $ 297 Value added tax credits 287 336 Gas Supply Prepayment 261 283 Deferred mining costs, net 186 187 Prepaid pension benefit 153 125 Goodwill 144 146 Noncurrent prepaid tax asset 72 73 Noncurrent restricted cash 53 71 Intangibles, net 35 37 Other 114 95 Other assets, noncurrent, total $ 1,601 $ 1,650 X - DefinitionGas supply prepayment. + ReferencesNo definition available. + Details Name: aa_GasSupplyPrepayment Namespace Prefix: aa_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - DefinitionOther financial information. + ReferencesNo definition available. + Details Name: aa_OtherFinancialInformationAbstract Namespace Prefix: aa_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionPrepaid Gas Transmission Contract. + ReferencesNo definition available. + Details Name: aa_PrepaidGasTransmissionContract Namespace Prefix: aa_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - DefinitionPrepaid Pension Cost Non current. + ReferencesNo definition available. + Details Name: aa_PrepaidPensionCostNonCurrent Namespace Prefix: aa_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - DefinitionPrepaid tax asset noncurrent. + ReferencesNo definition available. + Details Name: aa_PrepaidTaxAssetNoncurrent Namespace Prefix: aa_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - DefinitionAmount of deferred cost, excluding capitalized cost related to contract with customer; classified as noncurrent. + ReferencesReference 1: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(17)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 2: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 942 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.9-03(10)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478546/942-210-S99-1 + Details Name: us-gaap_DeferredCosts Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - DefinitionAmount, after accumulated impairment loss, of asset representing future economic benefit arising from other asset acquired in business combination or from joint venture formation or both, that is not individually identified and separately recognized. + ReferencesReference 1: http://www.xbrl.org/2003/role/exampleRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 49 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482785/280-10-55-49Reference 2: http://www.xbrl.org/2003/role/exampleRef -Topic 350 -SubTopic 20 -Name Accounting Standards Codification -Section 55 -Paragraph 24 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482548/350-20-55-24Reference 3: http://www.xbrl.org/2003/role/exampleRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 100 -Subparagraph (d) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482078/820-10-55-100Reference 4: http://www.xbrl.org/2003/role/exampleRef -Topic 852 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 10 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481372/852-10-55-10Reference 5: http://www.xbrl.org/2003/role/disclosureRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(15)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 6: http://www.xbrl.org/2003/role/disclosureRef -Topic 350 -SubTopic 20 -Name Accounting Standards Codification -Section 45 -Paragraph 1 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482598/350-20-45-1Reference 7: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 350 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482573/350-20-50-1Reference 8: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 350 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (h) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482573/350-20-50-1Reference 9: http://www.xbrl.org/2003/role/disclosureRef -Topic 942 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.9-03(10)(1)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478546/942-210-S99-1 + Details Name: us-gaap_Goodwill Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - DefinitionAmount of other miscellaneous assets expected to be realized or consumed after one year or normal operating cycle, if longer. + ReferencesNo definition available. + Details Name: us-gaap_OtherAssetsMiscellaneousNoncurrent Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - DefinitionAmount of noncurrent assets

classified as other. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(17)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1 + Details Name: us-gaap_OtherAssetsNoncurrent Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - DefinitionAmount after accumulated amortization of finite-lived and indefinite-lived intangible assets classified as other. + ReferencesNo definition available. + Details Name: us-gaap_OtherIntangibleAssetsNet Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - DefinitionAmount of cash restricted as to withdrawal or usage, classified as noncurrent. Cash includes, but is not limited to, currency on hand, demand deposits with banks or financial institutions, and other accounts with general characteristics of demand deposits. + ReferencesReference 1: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(17)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Name Accounting Standards Codification -Section 45 -Paragraph 5 -SubTopic 210 -Topic 954 -Publisher FASB -URI https://asc.fasb.org/1943274/2147477220/954-210-45-5Reference 3: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 230 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 8 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482913/230-10-50-8 + Details Name: us-gaap_RestrictedCashNoncurrent Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - DefinitionCarrying amount due after one year of the balance sheet date (or one operating cycle), if longer of value added taxes due either from customers arising from sales on credit terms, or as previously overpaid to tax authorities. + ReferencesReference 1: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(17)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1 + Details Name: us-gaap_ValueAddedTaxReceivableNoncurrent Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant XML 89 R77.htm IDEA: XBRL DOCUMENT v3.24.2.u1 Other Financial Information - Schedule of Cash and Cash Equivalents and Restricted Cash (Detail) - USD ($) $ in Millions Jun. 30, 2024 Dec. 31, 2023 Jun. 30, 2023 Dec. 31, 2022 Other Financial Information [Abstract] Â Â Â Â Cash and cash equivalents (M) $ 1,396 $ 944 Â Â Current restricted cash 44 32 Â Â Noncurrent restricted cash 53 71 Â Â Cash and cash equivalents and restricted cash, total $ 1,493 $ 1,047 $ 1,097 $ 1,474 X - DefinitionOther financial information. + ReferencesNo definition available. + Details Name: aa_OtherFinancialInformationAbstract Namespace Prefix: aa_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionAmount of currency on hand as well as demand deposits with banks or financial institutions. Includes other kinds of accounts that have the general characteristics of demand deposits. Also includes short-term, highly liquid investments that are both readily convertible to known amounts of cash and so near their maturity that they present insignificant risk of changes in value because of changes in interest rates. Excludes cash and cash equivalents within disposal group and discontinued operation. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(1)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 2: http://www.xbrl.org/2003/role/exampleRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 1 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483467/210-10-45-1Reference 3: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 230 -SubTopic 10 -Section 45 -Paragraph 4 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-4 + Details Name: us-gaap_CashAndCashEquivalentsAtCarryingValue Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - DefinitionAmount of cash and cash equivalents, and cash and cash equivalents restricted to withdrawal or usage. Excludes amount for disposal group and discontinued operations. Cash includes, but is not limited to, currency on hand, demand deposits with banks or financial institutions, and other accounts with general characteristics of demand deposits. Cash equivalents include, but are not limited to, short-term, highly liquid investments that are both readily convertible to known amounts of cash and so near their maturity that they present insignificant risk of changes in value because of changes in interest rates. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 230 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 8 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482913/230-10-50-8Reference 2: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 230 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 24 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-24Reference 3: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 230 -SubTopic 10 -Section 45 -Paragraph 4 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-4 + Details Name: us-gaap_CashCashEquivalentsRestrictedCashAndRestrictedCashEquivalents Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - DefinitionAmount of cash and cash equivalents restricted as to withdrawal or usage, classified as current. Cash includes, but is not limited to, currency on hand, demand deposits with banks or financial institutions, and other accounts with general characteristics of demand deposits. Cash equivalents include, but are not limited to, short-term, highly liquid investments that are both readily convertible to known amounts of cash and so near their maturity that they present insignificant risk of changes in value because of changes in interest rates. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(1)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 230 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 8 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482913/230-10-50-8Reference 3: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 230 -SubTopic 10 -Section 45 -Paragraph 4 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-4 + Details Name: us-gaap_RestrictedCashAndCashEquivalentsAtCarryingValue Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - DefinitionAmount of cash and cash equivalents restricted as to withdrawal or usage, classified as noncurrent. Cash includes, but is not limited to, currency on hand, demand deposits with banks or financial institutions, and other accounts with general characteristics of demand deposits. Cash equivalents include, but are not limited to, short-term, highly liquid investments that are both readily convertible to known amounts of cash and so near their maturity that they present insignificant risk of changes in value because of changes in interest rates. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 230 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 8 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482913/230-10-50-8Reference 2: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 230 -SubTopic 10 -Section 45 -Paragraph 4 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-4Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Name Accounting Standards Codification -Section 45 -Paragraph 5 -SubTopic 210 -Topic 954 -Publisher FASB -URI https://asc.fasb.org/1943274/2147477220/954-210-45-5 + Details Name: us-gaap_RestrictedCashAndCashEquivalentsNoncurrent Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant XML 90 R78.htm IDEA: XBRL DOCUMENT v3.24.2.u1 Supplier Finance Programs - Additional Information (Detail) - USD ($) $ in Millions 6 Months Ended Jun. 30, 2024 Dec. 31, 2023 Supplier invoices outstanding $ 123 $ 104 Minimum [Member] Â Â Payment terms 50 days Â Maximum [Member] Â Â Payment terms 110 days Â X - DefinitionPayment Terms. + ReferencesNo definition available. + Details Name: aa_PaymentTerms Namespace Prefix: aa_ Data Type: xbrli:durationItemType Balance Type: na Period Type: duration X - DefinitionSupplier Invoices Outstanding. + ReferencesNo definition available. + Details Name: aa_SupplierInvoicesOutstanding Namespace Prefix: aa_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - Details Name: srt_RangeAxis=srt_MinimumMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: srt_RangeAxis=srt_MaximumMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: XML 91 R79.htm IDEA: XBRL DOCUMENT v3.24.2.u1 Subsequent Events - Additional Information (Details) - Subsequent Event [Member] - USD ($) $ / shares in Units, $ in Millions Jul. 31, 2024 Jul. 18, 2024 Subsequent Event [Line Items] Â Â Dividend, declared date Jul. 31, 2024 Â Quarterly cash dividend declared per share $ 0.1 Â Dividend, payable date Aug. 29, 2024 Â Dividend, date of record Aug. 12, 2024 Â Other Current Liabilities [Member] Â Â Subsequent Event [Line Items] Â Â Payment for civil fine Â $ 5 X - DefinitionDate the declared dividend will be paid, in YYYY-MM-DD format. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 230 -SubTopic 10 -Section 50 -Paragraph 3 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482913/230-10-50-3 + Details Name: us-gaap_DividendPayableDateToBePaidDayMonthAndYear Namespace Prefix: us-gaap_ Data Type: xbrli:dateItemType Balance Type: na Period Type: duration X - DefinitionThe per share amount of a dividend declared, but not paid, as of the financial reporting date. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 230 -SubTopic 10 -Section 50 -Paragraph 3 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482913/230-10-50-3 + Details Name: us-gaap_DividendsPayableAmountPerShare Namespace Prefix: us-gaap_ Data Type: dtr-types:perShareItemType Balance Type: na Period Type: instant X - DefinitionDate the dividend to be paid was declared, in YYYY-MM-DD format. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 230 -SubTopic 10 -Section 50 -Paragraph 3 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482913/230-10-50-3 + Details Name: us-gaap_DividendsPayableDateDeclaredDayMonthAndYear Namespace Prefix: us-gaap_ Data Type: xbrli:dateItemType Balance Type: na Period Type: duration X - DefinitionDate the holder must own the stock to be entitled to the dividend, in YYYY-MM-DD format. + ReferencesNo definition available. + Details Name: us-gaap_DividendsPayableDateOfRecordDayMonthAndYear Namespace Prefix: us-gaap_ Data Type: xbrli:dateItemType Balance Type: na Period Type: duration X - DefinitionThe amount of cash paid for the settlement of litigation or for other legal issues during the period. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section 45 -Paragraph 25 -Subparagraph (g) -SubTopic 10 -Topic 230 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-25 + Details Name: us-gaap_PaymentsForLegalSettlements Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionDetail information of subsequent event by type. User is expected to use existing line items from elsewhere in the taxonomy as the primary line items for this disclosure, which is further associated with dimension and member elements pertaining to a subsequent event. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 830 -SubTopic 30 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481674/830-30-50-2Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 855 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483399/855-10-50-2 + Details Name: us-gaap_SubsequentEventLineItems Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - Details Name: us-gaap_SubsequentEventTypeAxis=us-gaap_SubsequentEventMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_BalanceSheetLocationAxis=us-gaap_OtherCurrentLiabilitiesMember Namespace Prefix: Data Type: na Balance Type: Period Type: EXCEL 92 Financial_Report.xlsx IDEA: XBRL DOCUMENT begin 644 Financial_Report.xlsx

M4$L!!!0 (*Z(ED'04UB@00 ++$ 0 9 &JC4')O<',&7!!P@+R<(4$ I
(/>QLD&8S#7VDG\W$\!LP+@:/.3"+1$1=@Ugug@$7@ ?JTA)V@W<]/!M8@ 'YN
6M8H^@-Q.X 3@&0E&3=:J=5$5&$0FT=0+CX]<?XJ-0SJD=DH\QK$9>[B42=XED
M<@(+%91&$94@!,\8 =8X; (3S$$3HG8&!9T$U(A`.O&JC4O0;+9]V<-.``[D
2Z&U<N&'G>:Z>*QESC5(T")E%89<Z*43(01@@$3>&@4M&7;$U#D>*N:-9$X31K+[
...machine data content continues...

... $! end XML 101 aa-20240630_htm.xml IDEA: XBRL DOCUMENT 0001675149 aa:EmbeddedCreditDerivativeMemberus-gaap:SalesMember 2024-04-012024-06-30 0001675149 us-gaap:CostOfSalesMember 2024-04-012024-06-30 0001675149 aa:StockAwardsAndStockOptionsMember 2024-01-012024-06-30 0001675149 us-gaap:OtherPostretirementBenefitPlansDefinedBenefitMember 2024-04-012024-06-30 0001675149 aa:AluminumContractsMemberus-gaap:ParentMember 2023-01-012023-06-30 0001675149 aa:WenatcheeFacilityMember 2024-01-012024-06-30 0001675149 aa:ForeignExchangeSellForwardsMemberus-gaap:FairValueInputsLevel1Member 2024-06-30 0001675149 aa:DerivativeInstrumentLevel1Memberus-gaap:DesignatedAsHedgingInstrumentMemberus-gaap:CostOfSalesMember 2023-01-012023-06-30 0001675149 us-gaap:OperatingSegmentsMemberaa:ThirdPartySalesMemberaa:AluminumMember 2024-04-012024-06-30 0001675149 us-gaap:OtherPostretirementBenefitPlansDefinedBenefitMember 2023-04-012023-06-30 0001675149 us-gaap:OperatingSegmentsMemberaa:ThirdPartySalesMemberaa:AluminumMember 2023-01-012023-06-30 0001675149 us-gaap:NoncontrollingInterestMember 2024-06-30 0001675149 us-gaap:AdditionalPaidInCapitalMember 2024-03-31 0001675149 aa:FerndaleWashingtonMember 2024-01-012024-06-30 0001675149 aa:OtherReceivablesMember 2024-06-30 0001675149 aa:AluminaMember 2024-04-012024-

06-30 0001675149 2022-12-31 0001675149 aa:DerivativeInstrumentLevel3Member 2024-06-30 0001675149 us-gaap:OperatingSegmentsMemberaa:ThirdPartySalesMember 2023-04-012023-06-30 0001675149 aa:DerivativeInstrumentLevel3Member 2024-01-012024-06-30 0001675149 aa:OtherProductsMemberus-gaap:EquityMethodInvestmentNonconsolidatedInvesteeOrGroupOfInvesteesMember 2024-01-012024-06-30 0001675149 aa:AlcoaOfAustraliaLimitedMemberus-gaap:ForeignCountryMemberus-gaap:AustralianTaxationOfficeMember 2023-12-31 0001675149 us-gaap:CommonStockMember 2023-06-30 0001675149 us-gaap:AccountsPayableMemberaa:ReceivablesPurchaseAgreementMember 2023-12-31 0001675149 us-gaap:FairValueInputsLevel3Memberus-gaap:EnergyRelatedDerivativeMemberus-gaap:DesignatedAsHedgingInstrumentMember 2024-06-30 0001675149 aa:SchemeImplementationDeedMemberaa:AluminaLimitedMemberaa:AlcoaNonvotingConvertiblePreferredStockMemberus-gaap:SubsequentEventMember 2024-08-012024-08-01 0001675149 aa:DerivativeInstrumentLevel1And3Member 2023-12-31 0001675149 us-gaap:IntersegmentEliminationMember 2023-01-012023-06-30 0001675149 aa:AlcoaWorldAluminaAndChemicalsMemberaa:AluminaLimitedMemberus-gaap:SubsequentEventMember 2024-08-01 0001675149 us-gaap:OperatingSegmentsMemberaa:AluminumMember 2024-01-012024-06-30 0001675149 us-gaap:OperatingSegmentsMember 2023-04-012023-06-30 0001675149 us-gaap:SalesMember 2023-04-012023-06-30 0001675149 aa:StockAwardsAndStockOptionsMember 2023-04-012023-06-30 0001675149 aa:CommodityBuyForwardsMemberus-gaap:FairValueInputsLevel1Member 2023-06-30 0001675149 srt:MaximumMemberaa:MassenaNewYorkMember 2024-01-012024-06-30 0001675149 us-gaap:OperatingSegmentsMember 2024-04-012024-06-30 0001675149 2024-01-012024-03-31 0001675149 aa:AluminumMember 2023-01-012023-06-30 0001675149 aa:AlcoaWorldAluminaAndChemicalsMembersrt:MaximumMemberaa:SchemeImplementationDeedMemberaa:Alun... gaap:SubsequentEventMember 2024-08-01 0001675149 aa:AluminaMember 2024-01-012024-06-30 0001675149 aa:AlcoaWorldAluminaAndChemicalsMemberaa:AluminaLimitedMember 2024-06-30 0001675149 aa:BauxiteMember 2024-04-012024-06-30 0001675149 us-gaap:IntersegmentEliminationMember 2023-04-012023-06-30 0001675149 aa:EmbeddedCreditDerivativeMember 2024-06-30 0001675149 srt:MaximumMemberaa:TwoThousandTwentyFourMemberus-gaap:EnergyRelatedDerivativeMemberus-gaap:FairValueInputsLevel3Memberaa:FinanceRelatedDerivativeMemberaa:InterrelationshipOfForwardEnergyPric... 2024-06-30 0001675149 us-gaap:AccumulatedOtherComprehensiveIncomeMember 2023-06-30 0001675149 us-gaap:EnergyRelatedDerivativeMemberus-gaap:FairValueInputsLevel3Memberaa:PowerRelatedDerivativeMemberaa:EstimatedSpreadBetweenTheRespective... 2024-06-30 0001675149 srt:MaximumMemberaa:ReceivablesPurchaseAgreementMember 2023-12-31 0001675149 aa:WenatcheeFacilityMember 2024-04-012024-06-30 0001675149 us-gaap:RetainedEarningsMember 2024-01-012024-03-31 0001675149 aa:AluminumContractsMemberus-gaap:ParentMember 2024-04-012024-06-30 0001675149 us-gaap:NoncontrollingInterestMember 2023-03-31 0001675149 us-gaap:DisposalGroupHeldforsaleNotDiscontinuedOperationsMemberaa:WarrickRollingMillMember 2023-04-012023-06-30 0001675149 us-gaap:ForeignExchangeContractMemberus-gaap:ParentMember 2023-01-012023-06-30 0001675149 currency:NOKcountry:NOus-gaap:ForeignExchangeForwardMember 2024-01-012024-06-30 0001675149 us-gaap:CorporateNonSegmentMember 2024-04-012024-06-30 0001675149 us-gaap:RetainedEarningsMember 2024-03-31 0001675149 us-gaap:IntersegmentEliminationMemberaa:AluminaMember 2024-01-012024-06-30 0001675149 aa:BrazilianFederalRevenueOfficeMemberaa:AlcoaWorldAluminaBrasilMember 2022-02-012022-02-28 0001675149 aa:DerivativeInstrumentLevel1Memberus-gaap:DesignatedAsHedgingInstrumentMemberus-gaap:SalesMember 2023-04-012023-06-30 0001675149 aa:TwoThousandTwentyFourActionPlanOneMember 2024-01-082024-01-08 0001675149 aa:BauxiteMember 2023-04-012023-06-30 0001675149 us-gaap:CostOfSalesMemberaa:IntalcoFacilityMember 2023-03-012023-03-31 0001675149 aa:EnergyMemberaa:AlcoaCorporationMember 2023-04-012023-06-30 0001675149 srt:MaximumMemberaa:TwoThousandTwentyFourMemberus-gaap:EnergyRelatedDerivativeMemberus-gaap:FairValueInputsLevel3Memberaa:PowerRelatedDerivativeMemberaa:MWhOfEnergyNeededToProduceForecas... 2024-06-30 0001675149 aa:EnergyMember 2023-04-012023-06-30 0001675149 aa:BrazilianFederalRevenueOfficeMemberaa:AlcoaWorldAluminaBrasilMember 2012-05-012012-05-31 0001675149 us-gaap:OperatingSegmentsMemberaa:ThirdPartySalesMemberaa:AluminaMember 2024-04-012024-06-30 0001675149 aa:BrazilianFederalRevenueOfficeMemberaa:AlcoaWorldAluminaBrasilMember 2022-02-28 0001675149 us-gaap:CorporateNonSegmentMember 2023-04-012023-06-30 0001675149 aa:SchemeImplementationDeedMemberaa:AluminaLimitedMemberaa:NonvotingConvertiblePreferredStockMember... gaap:SubsequentEventMember 2024-08-01 0001675149 aa:DerivativeInstrumentLevel1Member 2023-04-012023-06-30 0001675149 us-gaap:OperatingSegmentsMemberaa:AluminaMember 2023-01-012023-06-30 0001675149 us-gaap:OperatingSegmentsMemberaa:AluminaMember 2024-04-012024-06-30 0001675149 aa:CommodityBuyForwardsMemberus-gaap:FairValueInputsLevel1Member 2024-06-30 0001675149 us-gaap:CommonStockMember 2024-03-31 0001675149 us-gaap:SalesMember 2023-01-012023-06-30 0001675149 aa:RestructuringAndOtherChargesMemberaa:SanCiprianFacilityMember 2023-01-012023-06-30 0001675149 us-gaap:OperatingSegmentsMemberaa:ThirdPartySalesMemberaa:AluminaMember 2024-01-012024-06-30 0001675149 us-gaap:OperatingSegmentsMember 2023-01-012023-06-30 0001675149 aa:CHESSDepositaryInterestsMemberaa:SchemeImplementationDeedMemberaa:AluminaLimitedMemberus-gaap:SubsequentEventMember 2024-08-012024-08-01 0001675149 aa:AluminumContractsMemberus-gaap:ParentMember 2024-01-012024-06-30 0001675149 aa:DerivativeInstrumentLevel1Memberus-gaap:DesignatedAsHedgingInstrumentMemberus-gaap:SalesMember 2023-01-012023-06-30 0001675149 aa:AluminaLimitedMemberus-gaap:SubsequentEventMember 2024-08-012024-08-01 0001675149 aa:KwinanaRefineryMemberaa:TakeOrPayContractsMember 2024-01-012024-06-30 0001675149 us-gaap:RetainedEarningsMember 2023-01-012023-03-31 0001675149 us-gaap:RetainedEarningsMember 2023-03-31 0001675149 aa:AlcoaCorporationMemberaa:MaadenJointVentureMember 2023-04-012023-06-30 0001675149 srt:MinimumMemberaa:MassenaNewYorkMember 2024-01-012024-06-30 0001675149 us-gaap:NoncontrollingInterestMember 2023-01-012023-06-30 0001675149 aa:EmbeddedCreditDerivativeMemberus-gaap:FairValueInputsLevel3Memberus-gaap:EnergyRelatedDerivativeMemberus-gaap:NondesignatedMember 2024-06-30 0001675149 aa:FinanceRelatedDerivativeMember 2024-01-012024-06-30 0001675149 aa:PowerRelatedDerivativeMember 2024-03-31 0001675149 us-gaap:AccountsPayableMemberaa:ReceivablesPurchaseAgreementMember 2024-06-30 0001675149 aa:AluminumProductsSegmentMember 2024-01-012024-06-30 0001675149

aa:DerivativeInstrumentLevel2Memberaa:NoncontrollingAndEquityInterestMember 2024-04-012024-06-30 0001675149 srt:MaximumMember 2024-01-012024-06-30 0001675149 2023-01-012023-03-31 0001675149 us-gaap:EstimateOfFairValueFairValueDisclosureMember 2024-06-30 0001675149 aa:OtherExitCostsMember 2024-01-012024-06-30 0001675149 us-gaap:OperatingSegmentsMemberaa:ThirdPartySalesMember 2024-01-012024-06-30 0001675149 aa:FinanceRelatedDerivativeMemberus-gaap:FairValueInputsLevel3Memberus-gaap:EnergyRelatedDerivativeMemberus-gaap:NondesignatedMember 2023-12-31 0001675149 aa:KwinanaRefineryMemberaa:WaterManagementCostsMember 2024-01-012024-06-30 0001675149 us-gaap:EnergyRelatedDerivativeMemberus-gaap:FairValueInputsLevel3Memberaa:PowerRelatedDerivativeMemberaa:MWhOfEnergyNeededToProducesForeca 2024-01-012024-06-30 0001675149 aa:ForeignExchangeSellForwardsMemberus-gaap:FairValueInputsLevel1Member 2023-06-30 0001675149 us-gaap:OperatingSegmentsMemberaa:AluminumMember 2023-01-012023-06-30 0001675149 2023-12-31 0001675149 us-gaap:CostOfSalesMember 2023-01-012023-06-30 0001675149 us-gaap:SubsequentEventMember 2024-08-01 0001675149 us-gaap:IntersegmentEliminationMemberaa:AluminumMember 2024-04-012024-06-30 0001675149 aa:PowerRelatedDerivativeMemberus-gaap:SalesMember 2024-04-012024-06-30 0001675149 srt:MinimumMember 2024-01-012024-06-30 0001675149 aa:TwoThousandTwentyFourActionPlanTwoMember 2024-01-012024-06-30 0001675149 aa:DollarTwoHundredAndFiftyJapaneseYenRevolvingCreditFacilityMember 2023-12-31 0001675149 us-gaap:OperatingSegmentsMemberaa:ThirdPartySalesMemberaa:AluminumMember 2024-01-012024-06-30 0001675149 aa:FinanceRelatedDerivativeMember 2023-12-31 0001675149 aa:IntalcoFacilityMemberaa:ClosureCostMember 2023-03-012023-03-31 0001675149 2023-06-30 0001675149 aa:OtherProductsMemberaa:AlcoaCorporationMember 2023-01-012023-06-30 0001675149 aa:PowerRelatedDerivativeMemberus-gaap:CashFlowHedgingMemberus-gaap:DesignatedAsHedgingInstrumentMember 2024-01-012024-06-30 0001675149 us-gaap:CorporateNonSegmentMember 2024-01-012024-06-30 0001675149 aa:AluminaLimitedRevolvingCreditFacilityMemberaa:DueInJanuaryTwoThousandAndTwentySixMemberus-gaap:SubsequentEventMember 2024-08-012024-08-01 0001675149 aa:TwoThousandTwentyNineMemberus-gaap:EnergyRelatedDerivativeMemberus-gaap:FairValueInputsLevel3Memberaa:PowerRelatedDerivativeMemberaa:MWhOfEnergyNeededToProducesForeca 2024-06-30 0001675149 us-gaap:DisposalGroupHeldforsaleNotDiscontinuedOperationsMemberaa:WarrickRollingMillMember 2023-01-012023-06-30 0001675149 us-gaap:AccumulatedOtherComprehensiveIncomeMember 2024-06-30 0001675149 us-gaap:CommonStockMember 2023-12-31 0001675149 srt:MinimumMemberaa:TwoThousandTwentyFourMemberus-gaap:EnergyRelatedDerivativeMemberus-gaap:FairValueInputsLevel3Memberaa:PowerRelatedDerivativeMemberaa:MWhOfEnergyNeededToProduceForecas 2024-06-30 0001675149 us-gaap:NoncontrollingInterestMember 2024-01-012024-06-30 0001675149 aa:AlcoaCorporationMemberaa:MaadenJointVentureMember 2024-01-012024-06-30 0001675149 us-gaap:AdditionalPaidInCapitalMember 2024-06-30 0001675149 2023-01-012023-06-30 0001675149 aa:AlcoaWorldAluminaAndChemicalsMemberaa:AlcoaCorporationMember 2024-06-30 0001675149 aa:DerivativeInstrumentLevel3Member 2024-04-012024-06-30 0001675149 aa:EnergyMemberus-gaap:EquityMethodInvestmentNonconsolidatedInvesteeOrGroupOfInvesteesMember 2023-01-012023-06-30 0001675149 us-gaap:RetainedEarningsMember 2024-04-012024-06-30 0001675149 us-gaap:EmployeeSeveranceMember 2022-12-31 0001675149 aa:FinanceRelatedDerivativeMemberus-gaap:OtherIncomeExpensesMember 2024-01-012024-06-30 0001675149 srt:MinimumMemberaa:BrazilianFederalRevenueOfficeMemberaa:AlcoaWorldAluminaBrasilMember 2024-01-012024-06-30 0001675149 aa:AluminaMember 2023-01-012023-06-30 0001675149 aa:OtherExitCostsMember 2023-12-31 0001675149 aa:AluminumMember 2023-04-012023-06-30 0001675149 aa:SanCiprianFacilityMember 2024-04-012024-06-30 0001675149 us-gaap:InterestRateContractMemberus-gaap:NoncontrollingInterestMember 2024-04-012024-06-30 0001675149 country:CAus-gaap:ForeignExchangeForwardMember 2024-01-012024-06-30 0001675149 aa:BauxiteMember 2024-01-012024-06-30 0001675149 aa:ForeignExchangeBuyForwardsMemberus-gaap:FairValueInputsLevel1Member 2023-06-30 0001675149 us-gaap:InterestRateContractMemberus-gaap:ParentMember 2024-04-012024-06-30 0001675149 us-gaap:OperatingSegmentsMemberaa:ThirdPartySalesMember 2024-04-012024-06-30 0001675149 us-gaap:ParentMember 2023-01-012023-06-30 0001675149 us-gaap:CorporateNonSegmentMember 2023-01-012023-06-30 0001675149 us-gaap:AdditionalPaidInCapitalMember 2024-01-012024-03-31 0001675149 aa:EmbeddedCreditDerivativeMemberus-gaap:NonoperatingIncomeExpenseMember 2024-04-012024-06-30 0001675149 us-gaap:EmployeeSeveranceMember 2024-01-012024-06-30 0001675149 aa:PowerRelatedDerivativeMember 2024-04-012024-06-30 0001675149 aa:EnergyMemberus-gaap:EquityMethodInvestmentNonconsolidatedInvesteeOrGroupOfInvesteesMember 2023-04-012023-06-30 0001675149 us-gaap:PensionPlansDefinedBenefitMember 2023-01-012023-06-30 0001675149 aa:IntalcoAluminumSmelterMember 2023-01-012023-06-30 0001675149 country:US 2024-04-012024-06-30 0001675149 us-gaap:ForeignPlanMember 2023-04-012023-06-30 0001675149 aa:KwinanaRefineryMember 2024-03-31 0001675149 aa:AluminaLimitedRevolvingCreditFacilityMemberaa:DueInJulyTwoThousandAndTwentySixMemberus-gaap:SubsequentEventMember 2024-08-01 0001675149 aa:KwinanaRefineryMember 2023-07-012023-09-30 0001675149 us-gaap:InterestRateContractMemberus-gaap:NoncontrollingInterestMember 2024-01-012024-06-30 0001675149 us-gaap:ForeignExchangeContractMemberus-gaap:ParentMember 2023-04-012023-06-30 0001675149 us-gaap:AdditionalPaidInCapitalMember 2023-04-012023-06-30 0001675149 aa:DerivativeInstrumentLevel1Member 2024-01-012024-06-30 0001675149 aa:DerivativeInstrumentLevel1And3Member 2024-06-30 0001675149 aa:KwinanaRefineryMembersrt:ScenarioForecastMember 2024-09-30 0001675149 aa:MiningMemberus-gaap:EquityMethodInvestmentNonconsolidatedInvesteeOrGroupOfInvesteesMember 2024-04-012024-06-30 0001675149 us-gaap:ParentMember 2024-06-30 0001675149 us-gaap:SubsequentEventMember 2024-07-31 0001675149 us-gaap:AccumulatedOtherComprehensiveIncomeMember 2023-01-012023-03-31 0001675149 aa:BrazilianFederalRevenueOfficeMemberaa:AlcoaWorldAluminaBrasilMember 2022-07-31 0001675149 aa:TwoThousandTwentyFourMemberus-gaap:EnergyRelatedDerivativeMemberus-gaap:FairValueInputsLevel3Memberaa:PowerRelatedDerivativeMemberaa:MWhOfEnergyNeededToProducesForeca 2024-06-30 0001675149 aa:IntalcoFacilityMember 2024-01-012024-06-30 0001675149 us-gaap:ParentMember 2022-12-31 0001675149 aa:MiningMemberus-

gaap:EquityMethodInvestmentNonconsolidatedInvesteeOrGroupOfInvesteesMember 2023-01-012023-06-30 0001675149
srt:MaximumMemberaa:SevenPointOneTwoFivePercentageSeniorNotesDueTwoThousandAndThirtyOneMemberus-gaap:DebtInstrumentRedemptionPeriodTwoMemberaa:AlcoaNederlandHoldingBVMember 2024-01-012024-06-30 0001675149 aa:OtherReceivablesMember 2023-12-31 0001675149
aa:BrazilianFederalRevenueOfficeMemberaa:AlcoaWorldAluminaBrasilMember 2022-07-012022-07-31 0001675149 aa:OtherExitCostsMember 2022-12-31 0001675149
aa:KwinanaRefineryMemberaa:AssetRetirementObligationsMember 2024-01-012024-06-30 0001675149
aa:FinanceRelatedDerivativeMemberus-gaap:NonoperatingIncomeExpenseMember 2024-04-012024-06-30 0001675149 aa:PowerRelatedDerivativeMemberus-gaap:DesignatedAsHedgingInstrumentMember 2023-12-31 0001675149 aa:ElysisLimitedPartnershipMember 2013-03-31 0001675149 us-gaap:RevolvingCreditFacilityMember 2023-01-012023-06-30 0001675149 aa:AlcoaCorporationMember 2024-06-30 0001675149 aa:ForeignExchangeBuyForwardsMemberus-gaap:FairValueInputsLevel1Member 2024-06-30 0001675149 aa:DerivativeInstrumentLevel3Member 2023-01-012023-06-30 0001675149 us-gaap:ForeignExchangeContractMemberus-gaap:ParentMember 2024-01-012024-06-30 0001675149
aa:SchemeImplementationDeedMemberaa:AluminaLimitedMemberus-gaap:SubsequentEventMember 2024-08-01 0001675149 aa:TwoThousandTwentyFourActionPlanOneMember 2024-01-012024-06-30 0001675149 us-gaap:OperatingSegmentsMemberaa:ThirdPartySalesMemberaa:AluminaMember 2023-01-012023-06-30 0001675149 us-gaap:OperatingSegmentsMemberaa:AluminaMember 2024-01-012024-06-30 0001675149 aa:AluminaLimitedRevolvingCreditFacilityMemberaa:DueInJulyTwoThousandAndTwentySixMemberus-gaap:SubsequentEventMember 2024-08-012024-08-01 0001675149 aa:EnergyMember 2024-04-012024-06-30 0001675149 aa:AlcoaOfAustraliaLimitedMemberus-gaap:ForeignCountryMemberus-gaap:AustralianTaxationOfficeMember 2020-09-30 0001675149 us-gaap:EmployeeSeveranceMember 2023-12-31 0001675149
aa:AluminaLimitedRevolvingCreditFacilityMemberaa:DueInJuneTwoThousandAndTwentySevenMemberus-gaap:SubsequentEventMember 2024-08-012024-08-01 0001675149
aa:TwentyTwentyFourRestructuringPlanMember 2024-04-012024-06-30 0001675149 us-gaap:OperatingSegmentsMemberaa:AluminumProductsSegmentMember 2023-01-012023-06-30 0001675149 aa:IntalcoFacilityMember 2023-01-012023-06-30 0001675149 us-gaap:RevolvingCreditFacilityMember 2023-12-31 0001675149 aa:TwoThousandTwentyFourActionPlansMember 2024-06-30 0001675149 aa:DollarTwoHundredAndFiftyJapaneseYenRevolvingCreditFacilityMember 2024-04-012024-06-30 0001675149 aa:OtherProductsMemberaa:AlcoaCorporationMember 2024-04-012024-06-30 0001675149 aa:ElysisLimitedPartnershipMember 2024-06-30 0001675149 2023-01-012023-12-31 0001675149 us-gaap:EnergyRelatedDerivativeMemberus-gaap:FairValueInputsLevel3Memberaa:PowerRelatedDerivativeMemberaa:MWhOfEnergyNeededToProduceForecas 2024-06-30 0001675149 us-gaap:RevolvingCreditFacilityMember 2024-04-012024-06-30 0001675149 aa:OtherProductsMember 2024-04-012024-06-30 0001675149 us-gaap:NoncontrollingInterestMember 2024-01-012024-03-31 0001675149 us-gaap:IntersegmentEliminationMemberaa:AluminumMember 2024-01-012024-06-30 0001675149 aa:SanCiprianFacilityMember 2024-01-012024-06-30 0001675149
aa:SchemeImplementationDeedMemberus-gaap:PrepaidExpensesAndOtherCurrentAssetsMemberaa:AluminaLimitedMemberus-gaap:SubsequentEventMember 2024-08-01 0001675149 us-gaap:RevolvingCreditFacilityMember 2023-04-012023-06-30 0001675149 aa:OtherExitCostsMember 2024-06-30 0001675149 aa:PowerRelatedDerivativeMember 2024-06-30 0001675149 aa:TwoThousandTwentyFourActionPlanTwoMember 2024-06-30 0001675149 us-gaap:OperatingSegmentsMemberaa:AluminumProductsSegmentMember 2023-04-012023-06-30 0001675149 us-gaap:CommonStockMember 2023-03-31 0001675149 aa:EnergyMember 2023-01-012023-06-30 0001675149 us-gaap:RetainedEarningsMember 2023-12-31 0001675149 aa:EmbeddedCreditDerivativeMember 2024-01-012024-06-30 0001675149 us-gaap:AccumulatedOtherComprehensiveIncomeMember 2023-12-31 0001675149 us-gaap:CommonStockMember 2022-12-31 0001675149 aa:TwoThousandTwentySevenMemberus-gaap:EnergyRelatedDerivativeMemberus-gaap:FairValueInputsLevel3Memberaa:PowerRelatedDerivativeMemberaa:MWhOfEnergyNeededToProduceForecas 2024-06-30 0001675149 us-gaap:FairValueInputsLevel3Memberus-gaap:EnergyRelatedDerivativeMemberus-gaap:NondesignatedMember 2024-06-30 0001675149 us-gaap:AccumulatedOtherComprehensiveIncomeMember 2024-01-012024-03-31 0001675149
aa:BrazilianFederalRevenueOfficeMemberaa:AlcoaWorldAluminaBrasilMember 2022-08-012022-08-31 0001675149 us-gaap:CarryingReportedAmountFairValueDisclosureMember 2023-12-31 0001675149 aa:IntalcoFacilityMemberaa:ClosureCostMember 2024-01-012024-06-30 0001675149 us-gaap:RetainedEarningsMember 2023-06-30 0001675149 us-gaap:AccumulatedOtherComprehensiveIncomeMember 2024-03-31 0001675149
srt:MaximumMemberaa:BrazilianFederalRevenueOfficeMemberaa:AlcoaWorldAluminaBrasilMember 2024-01-012024-06-30 0001675149 aa:EmbeddedCreditDerivativeMember 2024-04-012024-06-30 0001675149 2024-06-30 0001675149 us-gaap:DisposalGroupHeldforsaleNotDiscontinuedOperationsMemberaa:WarrickRollingMillMember 2024-06-30 0001675149 aa:OtherProductsMember 2023-01-012023-06-30 0001675149 us-gaap:NoncontrollingInterestMember 2023-01-012023-03-31 0001675149 aa:MiningMemberus-gaap:EquityMethodInvestmentNonconsolidatedInvesteeOrGroupOfInvesteesMember 2024-01-012024-06-30 0001675149 us-gaap:InterestRateContractMemberus-gaap:ParentMember 2023-01-012023-06-30 0001675149 us-gaap:ParentMember 2023-03-31 0001675149 us-gaap:CostOfSalesMember 2023-04-012023-06-30 0001675149 aa:AluminumContractsMemberus-gaap:ParentMember 2023-04-012023-06-30 0001675149 us-gaap:ParentMember 2024-03-31 0001675149 aa:IntalcoFacilityMember 2023-03-012023-03-31 0001675149 us-gaap:DisposalGroupHeldforsaleNotDiscontinuedOperationsMemberaa:WarrickRollingMillMember 2024-04-012024-06-30 0001675149 us-gaap:OperatingSegmentsMemberaa:ThirdPartySalesMember 2023-01-012023-06-30 0001675149 us-gaap:AdditionalPaidInCapitalMember 2023-06-30 0001675149
aa:TwentyTwentyThreeRestructuringPlanMember 2023-01-012023-06-30 0001675149
aa:ReceivablesPurchaseAgreementMember 2023-01-012023-06-30 0001675149 us-gaap:ForeignPlanMember 2024-01-012024-06-30 0001675149 us-gaap:EmployeeSeveranceMember 2023-01-012023-12-31 0001675149
aa:AluminaLimitedRevolvingCreditFacilityMemberus-gaap:SubsequentEventMember 2024-08-01 0001675149 us-gaap:ParentMember 2024-04-012024-06-30 0001675149 us-gaap:OtherNoncurrentAssetsMember 2024-06-30

0001675149 aa:AluminaLimitedRevolvingCreditFacilityMemberaa:DueInOctoberTwoThousandAndTwentyFiveMemberus-gaap:SubsequentEventMember 2024-08-012024-08-01 0001675149 2023-03-31 0001675149 aa:AluminaLimitedRevolvingCreditFacilityMemberus-gaap:SubsequentEventMember 2024-08-012024-08-01 0001675149 us-gaap:PensionPlansDefinedBenefitMember 2024-04-012024-06-30 0001675149 us-gaap:AdditionalPaidInCapitalMember 2023-03-31 0001675149 aa:AluminumMember 2024-01-012024-06-30 0001675149 aa:DerivativeInstrumentLevel2Memberaa:NoncontrollingAndEquityInterestMember 2024-01-012024-06-30 0001675149 aa:AluminumMember 2023-04-012023-06-30 0001675149 aa:ReceivablesPurchaseAgreementMember 2023-01-012023-12-31 0001675149 aa:TwentyTwentyFourRestructuringPlanMember 2024-01-012024-06-30 0001675149 aa:DollarTwoHundredAndFiftyJapaneseYenRevolvingCreditFacilityMember 2024-06-30 0001675149 aa:FinanceRelatedDerivativeMemberus-gaap:NonoperatingIncomeExpenseMember 2024-01-012024-06-30 0001675149 us-gaap:FairValueInputsLevel3Memberus-gaap:EnergyRelatedDerivativeMember 2023-12-31 0001675149 aa:TwoThousandTwentyFourActionPlansMember 2024-01-012024-06-30 0001675149 us-gaap:NoncontrollingInterestMember 2023-06-30 0001675149 us-gaap:EnergyRelatedDerivativeMemberus-gaap:FairValueInputsLevel3Memberaa:PowerRelatedDerivativeMemberaa:MWhOfEnergyNeededToProduceForecas 2024-06-30 0001675149 us-gaap:EnergyRelatedDerivativeMemberus-gaap:FairValueInputsLevel3Memberaa:FinanceRelatedDerivativeMemberaa:InterrelationshipOfForwardEnergyPric 2024-06-30 0001675149 aa:DollarTwoHundredAndFiftyJapaneseYenRevolvingCreditFacilityMember 2023-04-012023-06-30 0001675149 aa:EmbeddedCreditDerivativeMemberus-gaap:SalesMember 2024-01-012024-06-30 0001675149 aa:DollarTwoHundredAndFiftyJapaneseYenRevolvingCreditFacilityMember 2024-04-262024-04-26 0001675149 srt:MinimumMemberaa:SevenPointOneTwoFivePercentageSeniorNotesDueTwoThousandAndThirtyOneMemberus-gaap:DebtInstrumentRedemptionPeriodThreeMemberaa:AlcoaNederlandHoldingBVMember 2024-01-012024-06-30 0001675149 us-gaap:PensionPlansDefinedBenefitMember 2023-04-012023-06-30 0001675149 aa:FinanceRelatedDerivativeMember 2024-04-012024-06-30 0001675149 2024-04-012024-06-30 0001675149 us-gaap:IntersegmentEliminationMemberaa:AluminumMember 2023-01-012023-06-30 0001675149 aa:SevenPointOneTwoFivePercentageSeniorNotesDueTwoThousandAndThirtyOneMemberaa:AlcoaNederlandHoldi 2024-01-012024-06-30 0001675149 us-gaap:CostOfSalesMember 2024-01-012024-06-30 0001675149 aa:OtherProductsMemberus-gaap:EquityMethodInvestmentNonconsolidatedInvesteeOrGroupOfInvesteesMember 2024-04-012024-06-30 0001675149 us-gaap:AdditionalPaidInCapitalMember 2023-01-012023-03-31 0001675149 srt:MaximumMemberaa:SevenPointOneTwoFivePercentageSeniorNotesDueTwoThousandAndThirtyOneMemberus-gaap:DebtInstrumentRedemptionPeriodThreeMemberaa:AlcoaNederlandHoldingBVMember 2024-01-012024-06-30 0001675149 aa:AlcoaCorporationMember 2022-10-012022-12-31 0001675149 aa:EmbeddedCreditDerivativeMemberus-gaap:FairValueInputsLevel3Memberus-gaap:EnergyRelatedDerivativeMemberus-gaap:NondesignatedMember 2023-12-31 0001675149 aa:PowerRelatedDerivativeMemberus-gaap:SalesMember 2024-01-012024-06-30 0001675149 us-gaap:EnergyRelatedDerivativeMemberus-gaap:FairValueInputsLevel3Memberaa:PowerRelatedDerivativeMemberaa:MWhOfEnergyNeededToProduceForecas 2024-01-012024-06-30 0001675149 aa:EnergyMemberaa:AlcoaCorporationMember 2024-01-012024-06-30 0001675149 aa:CommoditySellForwardsMemberus-gaap:FairValueInputsLevel1Member 2023-06-30 0001675149 aa:AlcoaOfAustraliaLimitedMemberus-gaap:ForeignCountryMemberus-gaap:AustralianTaxationOfficeMember 2020-07-012020-09-30 0001675149 us-gaap:EstimateOfFairValueFairValueDisclosureMember 2023-12-31 0001675149 aa:OtherSitesMember 2023-12-31 0001675149 aa:DerivativeInstrumentLevel1Memberus-gaap:DesignatedAsHedgingInstrumentMemberus-gaap:CostOfSalesMember 2023-04-012023-06-30 0001675149 us-gaap:IntersegmentEliminationMemberaa:AluminaMember 2023-04-012023-06-30 0001675149 us-gaap:AdditionalPaidInCapitalMember 2022-12-31 0001675149 aa:BrazilianFederalRevenueOfficeMemberaa:AlcoaWorldAluminaBrasilMember 2012-12-31 0001675149 aa:MiningMemberaa:AlcoaCorporationMember 2024-04-012024-06-30 0001675149 aa:AluminaLimitedRevolvingCreditFacilityMemberaa:DueInJuneTwoThousandAndTwentySevenMemberus-gaap:SubsequentEventMember 2024-08-01 0001675149 currency:EURcountry:NOus-gaap:ForeignExchangeForwardMember 2024-01-012024-06-30 0001675149 us-gaap:EnergyRelatedDerivativeMemberus-gaap:FairValueInputsLevel3Member 2024-06-30 0001675149 us-gaap:EnergyRelatedDerivativeMemberus-gaap:FairValueInputsLevel3Memberaa:PowerRelatedDerivativeMemberaa:EstimatedSpreadBetweenTheRespective 2024-06-30 0001675149 aa:FinanceRelatedDerivativeMember 2024-03-31 0001675149 aa:OtherSitesMember 2024-01-012024-06-30 0001675149 aa:OtherSitesMember 2024-06-30 0001675149 us-gaap:IntersegmentEliminationMemberaa:AluminumMember 2023-04-012023-06-30 0001675149 aa:SeriesAConvertiblePreferredStockMember 2024-08-01 0001675149 us-gaap:InterestRateContractMemberus-gaap:ParentMember 2024-01-012024-06-30 0001675149 us-gaap:EnergyRelatedDerivativeMemberus-gaap:FairValueInputsLevel3Memberaa:PowerRelatedDerivativeMemberaa:MWhOfEnergyNeededToProduceForecas 2024-01-012024-06-30 0001675149 aa:SchemeImplementationDeedMemberaa:AluminaLimitedMemberaa:AlcoaCommonStockMemberus-gaap:SubsequentEventMember 2024-08-012024-08-01 0001675149 us-gaap:RevolvingCreditFacilityMember 2024-06-30 0001675149 aa:PowerRelatedDerivativeMemberus-gaap:FairValueInputsLevel3Memberus-gaap:EnergyRelatedDerivativeMemberus-gaap:DesignatedAsHedgingInstrumentMember 2023-12-31 0001675149 us-gaap:RetainedEarningsMember 2024-06-30 0001675149 aa:DerivativeInstrumentLevel3Member 2023-04-012023-06-30 0001675149 aa:MiningMemberaa:AlcoaCorporationMember 2023-01-012023-06-30 0001675149 aa:PowerRelatedDerivativeMember 2024-01-012024-06-30 0001675149 us-gaap:RevolvingCreditFacilityMember 2024-01-012024-06-30 0001675149 aa:DerivativeInstrumentLevel1Member 2023-01-012023-06-30 0001675149 us-gaap:FairValueInputsLevel3Memberus-gaap:EnergyRelatedDerivativeMember 2024-06-30 0001675149 aa:FinanceRelatedDerivativeMember 2024-06-30 0001675149 aa:PowerRelatedDerivativeMemberus-gaap:FairValueInputsLevel3Memberus-gaap:EnergyRelatedDerivativeMemberus-gaap:DesignatedAsHedgingInstrumentMember 2024-06-30 0001675149 aa:OtherProductsMember 2023-04-012023-06-30 0001675149 us-gaap:ForeignPlanMember 2024-04-012024-06-30 0001675149 aa:AlcoaCorporationMember 2023-12-31 0001675149 us-gaap:EmployeeSeveranceMember 2024-06-30 0001675149 aa:AluminaMember 2023-04-012023-06-30 0001675149 aa:DerivativeInstrumentLevel1Member 2024-06-30 0001675149 us-gaap:OperatingSegmentsMemberaa:AluminaMember 2023-04-012023-06-30

0001675149 us-gaap:EquityMethodInvestmentNonconsolidatedInvesteeOrGroupOfInvesteesMemberaa:MaadenJointVentureMemb 2023-04-012023-06-30 0001675149 2024-03-31 0001675149 aa:KwinanaRefineryMember 2024-04-012024-06-30 0001675149 aa:DerivativeInstrumentLevel1Memberus-gaap:DesignatedAsHedgingInstrumentMember 2023-04-012023-06-30 0001675149 aa:AlcoaCorporationMemberaa:MaadenJointVentureMember 2024-04-012024-06-30 0001675149 aa:SanCiprianFacilityMember 2024-06-30 0001675149 aa:ReceivablesPurchaseAgreementMember 2023-04-012023-06-30 0001675149 aa:DollarTwoHundredAndFiftyJapaneseYenRevolvingCreditFacilityMember 2023-04-30 0001675149 us-gaap:OperatingSegmentsMemberaa:AluminumMember 2024-04-012024-06-30 0001675149 aa:OtherProductsMemberus-gaap:EquityMethodInvestmentNonconsolidatedInvesteeOrGroupOfInvesteesMember 2023-01-012023-06-30 0001675149 aa:PowerRelatedDerivativeMemberus-gaap:DesignatedAsHedgingInstrumentMember 2024-06-30 0001675149 aa:AlcoaWorldAluminaAndChemicalsMembersrt:MinimumMemberaa:SchemeImplementationDeedMemberaa:Alum gaap:SubsequentEventMember 2024-08-01 0001675149 aa:BrazilianFederalRevenueOfficeMemberaa:AlcoaWorldAluminaBrasilMember 2022-03-012022-03-31 0001675149 aa:DerivativeInstrumentLevel2Memberaa:NoncontrollingAndEquityInterestMember 2023-01-012023-06-30 0001675149 aa:IntalcoFacilityMemberaa:EnvironmentalAndDemolitionObligationMember 2023-03-012023-03-31 0001675149 srt:MaximumMemberaa:AddyWashingtonMember 2024-01-012024-06-30 0001675149 country:BRus-gaap:ForeignExchangeForwardMember 2024-01-012024-06-30 0001675149 us-gaap:NoncontrollingInterestMember 2024-04-012024-06-30 0001675149 us-gaap:CarryingReportedAmountFairValueDisclosureMember 2024-06-30 0001675149 aa:AluminaLimitedRevolvingCreditFacilityMemberaa:DueInOctoberTwoThousandAndTwentyFiveMemberus-gaap:SubsequentEventMember 2024-08-01 0001675149 aa:MiningMemberaa:AlcoaCorporationMember 2024-01-012024-06-30 0001675149 aa:AlcoaOfAustraliaLimitedMemberus-gaap:ForeignCountryMemberus-gaap:AustralianTaxationOfficeMember 2020-09-172020-09-17 0001675149 aa:ReceivablesPurchaseAgreementMember 2024-04-012024-06-30 0001675149 aa:CommoditySellForwardsMemberus-gaap:FairValueInputsLevel1Member 2024-06-30 0001675149 us-gaap:RetainedEarningsMember 2023-04-012023-06-30 0001675149 us-gaap:ParentMember 2023-04-012023-06-30 0001675149 aa:SchemeImplementationDeedMemberaa:AluminaLimitedMemberus-gaap:SubsequentEventMember 2024-08-012024-08-01 0001675149 aa:AluminumMember 2024-04-012024-06-30 0001675149 us-gaap:ForeignPlanMember 2023-01-012023-06-30 0001675149 us-gaap:SubsequentEventMember 2024-07-312024-07-31 0001675149 aa:AluminumMember 2024-01-012024-06-30 0001675149 aa:AlcoaCorporationMember 2024-01-012024-06-30 0001675149 aa:AluminaMember 2023-01-012023-06-30 0001675149 aa:DerivativeInstrumentLevel1Memberus-gaap:DesignatedAsHedgingInstrumentMember 2023-01-012023-06-30 0001675149 us-gaap:OperatingSegmentsMemberaa:ThirdPartySalesMemberaa:AluminumMember 2023-04-012023-06-30 0001675149 us-gaap:ParentMember 2024-01-012024-06-30 0001675149 us-gaap:IntersegmentEliminationMember 2024-04-012024-06-30 0001675149 aa:AluminaLimitedRevolvingCreditFacilityMemberaa:DueInJanuaryTwoThousandAndTwentySixMemberus-gaap:SubsequentEventMember 2024-08-01 0001675149 aa:AlcoaOfAustraliaLimitedMemberus-gaap:ForeignCountryMemberus-gaap:AustralianTaxationOfficeMember 2020-07-07 0001675149 aa:KwinanaRefineryMember 2024-01-012024-06-30 0001675149 aa:CommonStockParValueZeroPointZeroOnePerShareMember 2024-08-01 0001675149 us-gaap:IndividualMemberus-gaap:EnergyRelatedDerivativeMemberus-gaap:FairValueInputsLevel3Memberaa:PowerRelatedDerivativeMemberaa:EstimatedSpreadBetweenTheRespective 2024-06-30 0001675149 aa:DollarTwoHundredAndFiftyJapaneseYenRevolvingCreditFacilityMember 2024-01-012024-06-30 0001675149 us-gaap:EquityMethodInvestmentNonconsolidatedInvesteeOrGroupOfInvesteesMemberaa:MaadenJointVentureMemb 2024-04-012024-06-30 0001675149 us-gaap:InterestRateContractMemberus-gaap:ParentMember 2023-04-012023-06-30 0001675149 aa:BauxiteMember 2023-01-012023-06-30 0001675149 aa:TwoThousandThirtySixMemberus-gaap:EnergyRelatedDerivativeMemberus-gaap:FairValueInputsLevel3Memberaa:PowerRelatedDerivativeMemberaa:MWhOfEnergyNeededToProducesForeca 2024-06-30 0001675149 aa:PowerRelatedDerivativeMemberus-gaap:NonoperatingIncomeExpenseMember 2024-01-012024-06-30 0001675149 aa:DerivativeInstrumentLevel1Member 2023-12-31 0001675149 srt:MinimumMemberaa:TwoThousandTwentyFourMemberus-gaap:EnergyRelatedDerivativeMemberus-gaap:FairValueInputsLevel3Memberaa:FinanceRelatedDerivativeMemberaa:InterrelationshipOfForwardEnergyPric 2024-06-30 0001675149 aa:SchemeImplementationDeedMemberaa:AluminaLimitedMemberaa:AlcoaCommonStockMemberus-gaap:SubsequentEventMember 2024-08-01 0001675149 aa:AluminumMember 2023-01-012023-06-30 0001675149 aa:TwoThousandTwentyFourActionPlanOneMember 2024-06-30 0001675149 us-gaap:EnergyRelatedDerivativeMemberus-gaap:FairValueInputsLevel3Memberaa:PowerRelatedDerivativeMemberaa:MWhOfEnergyNeededToProducesForeca 2024-06-30 0001675149 us-gaap:AccumulatedOtherComprehensiveIncomeMember 2024-04-012024-06-30 0001675149 aa:EmbeddedCreditDerivativeMember 2023-12-31 0001675149 aa:TwoThousandTwentyFourActionPlanTwoMember 2024-04-012024-06-30 0001675149 us-gaap:AccumulatedOtherComprehensiveIncomeMember 2023-03-31 0001675149 aa:EmbeddedCreditDerivativeMemberus-gaap:NonoperatingIncomeExpenseMember 2024-01-012024-06-30 0001675149 aa:SevenPointOneTwoFivePercentageSeniorNotesDueTwoThousandAndThirtyOneMemberaa:AlcoaNederlandHoldi 2024-03-012024-03-31 0001675149 aa:AluminaLimitedMemberus-gaap:SubsequentEventMember 2024-07-26 0001675149 aa:OtherProductsMemberaa:AlcoaCorporationMember 2024-01-012024-06-30 0001675149 aa:SanCiprianAluminumSmelterMemberaa:CertainEmployeeObligationsMember 2023-01-012023-06-30 0001675149 aa:FourPointOneTwoFivePercentageSeniorNotesDueTwoThousandAndTwentyNineMemberaa:AlcoaNederlandHoldi 2024-06-30 0001675149 aa:AluminaMember 2024-04-012024-06-30 0001675149 us-gaap:NoncontrollingInterestMember 2024-03-31 0001675149 us-gaap:IntersegmentEliminationMember 2024-01-012024-06-30 0001675149 us-gaap:RetainedEarningsMember 2022-12-31 0001675149 aa:FinanceRelatedDerivativeMemberaa:OtherIncomeExpensesMember 2024-04-012024-06-30 0001675149 us-gaap:NoncontrollingInterestMember 2023-04-012023-06-30 0001675149 us-gaap:ParentMember 2023-12-31

0001675149 us-gaap:FairValueInputsLevel3Memberus-gaap:EnergyRelatedDerivativeMemberus-gaap:NondesignatedMember 2023-12-31 0001675149 aa:OtherExitCostsMember 2023-01-012023-12-31 0001675149 2023-04-012023-06-30 0001675149 us-gaap:OperatingSegmentsMember 2024-01-012024-06-30 0001675149 aa:DollarTwoHundredAndFiftyJapaneseYenRevolvingCreditFacilityMember 2023-01-012023-06-30 0001675149 aa:AlcoaOfAustraliaLimitedMemberus-gaap:ForeignCountryMemberus-gaap:AustralianTaxationOfficeMember 2024-06-30 0001675149 us-gaap:AdditionalPaidInCapitalMember 2023-12-31 0001675149 us-gaap:OtherPostretirementBenefitPlansDefinedBenefitMember 2024-01-012024-06-30 0001675149 us-gaap:AccumulatedOtherComprehensiveIncomeMember 2022-12-31 0001675149 aa:DerivativeInstrumentLevel2Memberaa:NoncontrollingAndEquityInterestMember 2023-04-012023-06-30 0001675149 aa:KwinanaRefineryMembersrt:ScenarioForecastMember 2025-09-30 0001675149 aa:OngoingRemediationWorkMember 2023-04-012023-06-30 0001675149 us-gaap:EquityMethodInvestmentNonconsolidatedInvesteeOrGroupOfInvesteesMemberaa:MaadenJointVentureMember 2024-01-012024-06-30 0001675149 aa:OtherProductsMemberus-gaap:EquityMethodInvestmentNonconsolidatedInvesteeOrGroupOfInvesteesMember 2023-04-012023-06-30 0001675149 aa:BrazilianFederalRevenueOfficeMemberaa:AlcoaWorldAluminaBrasilMember 2013-03-31 0001675149 us-gaap:PensionPlansDefinedBenefitMember 2024-01-012024-06-30 0001675149 us-gaap:OtherCurrentLiabilitiesMemberus-gaap:SubsequentEventMember 2024-07-182024-07-18 0001675149 aa:DerivativeInstrumentLevel1Memberus-gaap:DesignatedAsHedgingInstrumentMember 2024-01-012024-06-30 0001675149 aa:OtherProductsMemberaa:AlcoaCorporationMember 2023-04-012023-06-30 0001675149 us-gaap:AccumulatedOtherComprehensiveIncomeMember 2023-04-012023-06-30 0001675149 aa:EnergyMemberus-gaap:EquityMethodInvestmentNonconsolidatedInvesteeOrGroupOfInvesteesMember 2024-01-012024-06-30 0001675149 aa:DerivativeInstrumentLevel1Member 2024-04-012024-06-30 0001675149 aa:OtherProductsMember 2024-01-012024-06-30 0001675149 aa:ReceivablesPurchaseAgreementMember 2024-01-012024-06-30 0001675149 aa:TwoThousandTwentyFourMemberus-gaap:EnergyRelatedDerivativeMemberus-gaap:FairValueInputsLevel3Memberaa:PowerRelatedDerivativeMemberaa:MWhOfEnergyNeededToProduceForecas 2024-06-30 0001675149 us-gaap:IntersegmentEliminationMemberaa:AluminaMember 2024-04-012024-06-30 0001675149 aa:MiningMemberaa:AlcoaCorporationMember 2023-04-012023-06-30 0001675149 aa:PowerRelatedDerivativeMember 2023-12-31 0001675149 us-gaap:OtherPostretirementBenefitPlansDefinedBenefitMember 2023-01-012023-06-30 0001675149 aa:DerivativeInstrumentLevel3Member 2023-12-31 0001675149 aa:AlcoaCorporationMemberaa:MaadenJointVentureMember 2023-01-012023-06-30 0001675149 us-gaap:NoncontrollingInterestMember 2023-12-31 0001675149 aa:AluminumMember 2024-04-012024-06-30 0001675149 2024-01-012024-06-30 0001675149 aa:BrazilianFederalRevenueOfficeMemberaa:AlcoaWorldAluminaBrasilMember 2013-03-012013-03-31 0001675149 aa:EmbeddedCreditDerivativeMember 2024-03-31 0001675149 aa:SevenPointOneTwoFivePercentageSeniorNotesDueTwoThousandAndThirtyOneMemberaa:AlcoaNederlandHoldi 2024-03-31 0001675149 us-gaap:CommonStockMember 2024-06-30 0001675149 us-gaap:DisposalGroupHeldforsaleNotDiscontinuedOperationsMemberaa:WarrickRollingMillMember 2024-01-012024-06-30 0001675149 aa:PowerRelatedDerivativeMemberus-gaap:NonoperatingIncomeExpenseMember 2024-04-012024-06-30 0001675149 aa:EnergyMember 2024-01-012024-06-30 0001675149 us-gaap:FairValueInputsLevel3Memberus-gaap:EnergyRelatedDerivativeMemberus-gaap:DesignatedAsHedgingInstrumentMember 2023-12-31 0001675149 aa:TwoThousandTwentyFourActionPlanTwoMember 2023-12-31 0001675149 aa:BrazilianFederalRevenueOfficeMemberaa:AlcoaWorldAluminaBrasilMember 2012-01-012012-12-31 0001675149 aa:AluminaMember 2024-01-012024-06-30 0001675149 us-gaap:OperatingSegmentsMemberaa:ThirdPartySalesMemberaa:AluminaMember 2023-04-012023-06-30 0001675149 aa:EnergyMemberus-gaap:EquityMethodInvestmentNonconsolidatedInvesteeOrGroupOfInvesteesMember 2024-04-012024-06-30 0001675149 aa:AluminaMember 2023-04-012023-06-30 0001675149 us-gaap:ParentMember 2023-06-30 0001675149 us-gaap:OperatingSegmentsMemberaa:AluminumMember 2023-04-012023-06-30 0001675149 aa:FinanceRelatedDerivativeMemberus-gaap:ParentMember 2023-01-012023-06-30 0001675149 aa:MiningMemberus-gaap:EquityMethodInvestmentNonconsolidatedInvesteeOrGroupOfInvesteesMember 2023-04-012023-06-30 0001675149 aa:EnergyMemberaa:AlcoaCorporationMember 2023-01-012023-06-30 0001675149 aa:StockAwardsAndStockOptionsMember 2023-01-012023-06-30 0001675149 aa:IntalcoFacilityMember 2024-04-012024-06-30 0001675149 us-gaap:EquityMethodInvestmentNonconsolidatedInvesteeOrGroupOfInvesteesMemberaa:MaadenJointVentureMemb 2023-01-012023-06-30 0001675149 srt:MinimumMemberaa:AddyWashingtonMember 2024-01-012024-06-30 0001675149 us-gaap:IntersegmentEliminationMemberaa:AluminaMember 2023-01-012023-06-30 0001675149 aa:EnergyMemberaa:AlcoaCorporationMember 2024-04-012024-06-30 0001675149 us-gaap:NoncontrollingInterestMember 2022-12-31 0001675149 us-gaap:OtherNonoperatingIncomeExpenseMemberaa:AlcoaCorporationMember 2024-01-012024-06-30 0001675149 aa:FinanceRelatedDerivativeMemberus-gaap:FairValueInputsLevel3Memberus-gaap:EnergyRelatedDerivativeMemberus-gaap:NondesignatedMember 2024-06-30 0001675149 us-gaap:AdditionalPaidInCapitalMember 2024-04-012024-06-30 iso4217:USD utr:MW iso4217:AUD iso4217:EUR iso4217:BRL pure iso4217:JPY iso4217:USD utr:lb aa:Project iso4217:CAD aa:Employees utr:MWh iso4217:AUD shares utr:kt iso4217:USD shares shares iso4217:USD aa:Employee iso4217:NOK--12-31Q2false0001675149 2025-04-30http://fasb.org/us-gaap/2024#RevenueFromContractWithCustomerExcludingAssessedTaxhttp://fasb.org/us-gaap/2024#RevenueFromContractWithCustomerExcludingAssessedTaxhttp://fasb.org/us-gaap/2024#OtherComprehensiveIncomeLossCashFlowHedgeGainLossAfterReclassificationAndTaxhttp://fasb.org/us-gaap/2024#OtherComprehensiveIncomeLossCashFlowHedgeGainLossAfterReclassificationAndTaxhttp://fasb.org/us-gaap/2024#RevenueFromContractWithCustomerExcludingAssessedTaxhttp://fasb.org/us-gaap/2024#RevenueFromContractWithCustomerExcludingAssessedTaxhttp://fasb.org/us-gaap/2024#OtherComprehensiveIncomeLossCashFlowHedgeGainLossAfterReclassificationAndTaxhttp://fasb.org/us-gaap/2024#OtherComprehensiveIncomeLossCashFlowHedgeGainLossAfterReclassificationAndTaxhttp://fasb.org/us-gaap/2024#AccruedEnvironmentalLossContingenciesNoncurrenthttp://fasb.org/us-gaap/2024#OtherLiabilitiesCurrenthttp://fasb.org/us-gaap/2024#OtherLiabilitiesCurrentP4YP3Y10-Qtrue2024-06-302024false1-37816ALCOA CORPDE81-1789115201 Isabella StreetSuite 500PittsburghPA15212-5858412315-

2900Common Stock, par value $0.01 per shareAANYSEYesYesLarge Accelerated Filerfalsefalsefalse258340140404198929060000026840000055050000053540000025330000025150000004 6000000-37000000-60000000281400000027830000057380000056330000092000000-99000000-233000000- 27900000061000002200000043000007400000031000000-121000000-276000000-353000001100000- 19000000-44000000-2000000200000000-102000000-232000000-3330000000.11-0.57-1.29-1.870.11-0.57-1.29- 1.8720000000-10200000011000000-19000000310000000-12100000013000000100000005000000- 2000000180000008000000-600000025000000-1600000011000000-76000036000000-6200000226000000- 10000000-630000022600000010900000261000000-12000009000000-12100000270000000- 89000000159000000-1000000-10000000-9000000149000000-232000000-333000000-44000000-20000000- 276000000-35300000220000014000000600000-20000002800000120000000-18200000270000000- 700000026000000-25200000530000006800000104000000-100000067000000104000000- 9200000145000000-6500000240000000-15700000169000000-324000000-188000000-1090000004000000- 433000000- 184000000139600000094400000939000006560000001350000001520000001975000000215800000038000000025 1562000000-1293000000-3737000000- 36450000003899000000425100000015170000015940000005416000005845000001430700000014155000000- 276000000-35300000032400000306000000-75000000-36000008000000-12300000022000000173000000- 17000000-19000000500000020000000220000002100000019000000-4000000-31000000-59000000283000000- 71000000-157000000-22000000-23000000-63000000-57000000-277000000-30000000-48000007000000- 14600000010000009000000-2500000066000000-72000000-10400000064000000- 17600000098900000025000002660000016000000100000370000003600000150000034000000120000002 1300000010000006790000001600000265000000198000002000002000000170000003600000100000- 10000000-281000000-222000000-16000005000004460000000- 377000001047000001474000001493000001097000002000009183000000-570000000- 35390000015130000065890000-231000000-1000000-232000000-11600000015000000- 10100000010000000100000000-33000000- 330000000.1180000018000000860000086000000600000060000002000000- 1000001000000200000091620000-819000000-365500000160600000629600000-102000000-19000000- 12100000026100000090000002700000011000000110000000.118000001800000036000003600000016000000 939000000-339400000161600000645800000200000091870000001293000000- 3645000000159400000584500000-252000000-55000000-3070000017000000-53000000- 36000000100000001000000-15000000- 150000000.11900000190000006100000061000006000000600000020000000- 10000001000000020000009184000000-1564000000- 36280000015400000055340000020000000110000031000000-109000000-12000000- 12100000012000000120000000.11800000180000004000000400000026000000260000002000009196000000- 1562000000-3737000015170000005416000000<div style="font-size:10pt;font-family:Times New Roman;"><p style="font-size:10pt;margin-top:12pt;font-family:Times New Roman;margin-bottom:0;text-align:left;">A. Basis of Presentation – The interim Consolidated Financial Statements of Alcoa Corporation and its subsidiaries (Alcoa Corporation, Alcoa, or the Company) are unaudited. These Consolidated Financial Statements include all adjustments, consisting only of normal recurring adjustments, considered necessary by management to fairly state the Company's results of operations, financial position, and cash flows. The results reported in these Consolidated Financial Statements are not necessarily indicative of the results that may be expected for the entire year. The 2023 year-end balance sheet data was derived from audited financial statements but does not include all disclosures required by accounting principles generally accepted in the United States of America (GAAP). This Quarterly Report on Form 10-Q should be read in conjunction with the Company's Annual Report on Form 10-K for the year ended December 31, 2023, which includes disclosures required by GAAP.</p><p style="font-size:10pt;margin-top:9pt;font-family:Times New Roman;margin-bottom:0;text-align:left;">In accordance with GAAP, certain situations require management to make estimates based on judgments and assumptions, which may affect the reported amounts of assets and liabilities and the disclosure of contingent assets and liabilities at the date of the financial statements. They also may affect the reported amounts of revenues and expenses during the reporting periods. Management uses historical experience and all available information to make these estimates. Management regularly evaluates the judgments and assumptions used in its estimates, and results could differ from those estimates upon future events and their effects or new information. </p></div><div style="font-size:10pt;font-family:Times New Roman;"><p style="font-size:10pt;margin-top:9pt;font-family:Times New Roman;margin-bottom:0;text-align:left;">Principles of Consolidation. The Consolidated Financial Statements of Alcoa Corporation include the accounts of Alcoa Corporation and companies in which Alcoa Corporation has a controlling interest, including those that comprise the Alcoa World Alumina & Chemicals (AWAC) joint venture (see below). Intercompany transactions have been eliminated. The equity method of accounting is used for investments in affiliates and other joint ventures over which Alcoa Corporation has significant influence but does not have effective control. Investments in affiliates in which Alcoa Corporation cannot exercise significant influence are accounted for at cost less any impairment, a measurement alternative in accordance with GAAP.</p><p style="font-size:10pt;margin-top:9pt;font-family:Times New Roman;margin-bottom:0;text-align:left;">AWAC is an unincorporated global joint venture between Alcoa Corporation and Alumina Limited and consists of several affiliated operating entities, which own, have an interest in, or operate the bauxite mines and alumina refineries within Alcoa Corporation's Alumina segment (except for the Poços de Caldas mine and refinery and portions of the São Luís refinery, all in Brazil) and a portion (<span

55%) of the Portland smelter (Australia) within Alcoa Corporation's Aluminum segment. Alcoa Corporation owns 60% and Alumina Limited owns 40% of these individual entities, which are consolidated by the Company for financial reporting purposes and include Alcoa of Australia Limited (AofA), Alcoa World Alumina LLC (AWA), Alcoa World Alumina Brasil Ltda. (AWAB), and Alúmina Española, S.A. (Española). Alumina Limited's interest in the equity of such entities is reflected as Noncontrolling interest on the accompanying Consolidated Balance Sheet. On August 1, 2024, the Company completed the acquisition of Alumina Limited (see Note C).

A. **Basis of Presentation** – The interim Consolidated Financial Statements of Alcoa Corporation and its subsidiaries (Alcoa Corporation, Alcoa, or the Company) are unaudited. These Consolidated Financial Statements include all adjustments, consisting only of normal recurring adjustments, considered necessary by management to fairly state the Company's results of operations, financial position, and cash flows. The results reported in these Consolidated Financial Statements are not necessarily indicative of the results that may be expected for the entire year. The 2023 year-end balance sheet data was derived from audited financial statements but does not include all disclosures required by accounting principles generally accepted in the United States of America (GAAP). This Quarterly Report on Form 10-Q should be read in conjunction with the Company's Annual Report on Form 10-K for the year ended December 31, 2023, which includes disclosures required by GAAP.

In accordance with GAAP, certain situations require management to make estimates based on judgments and assumptions, which may affect the reported amounts of assets and liabilities and the disclosure of contingent assets and liabilities at the date of the financial statements. They also may affect the reported amounts of revenues and expenses during the reporting periods. Management uses historical experience and all available information to make these estimates. Management regularly evaluates the judgments and assumptions used in its estimates, and results could differ from those estimates upon future events and their effects or new information.

Principles of Consolidation. The Consolidated Financial Statements of Alcoa Corporation include the accounts of Alcoa Corporation and companies in which Alcoa Corporation has a controlling interest, including those that comprise the Alcoa World Alumina & Chemicals (AWAC) joint venture (see below). Intercompany transactions have been eliminated. The equity method of accounting is used for investments in affiliates and other joint ventures over which Alcoa Corporation has significant influence but does not have effective control. Investments in affiliates in which Alcoa Corporation cannot exercise significant influence are accounted for at cost less any impairment, a measurement alternative in accordance with GAAP.

AWAC is an unincorporated global joint venture between Alcoa Corporation and Alumina Limited and consists of several affiliated operating entities, which own, have an interest in, or operate the bauxite mines and alumina refineries within Alcoa Corporation's Alumina segment (except for the Poços de Caldas mine and refinery and portions of the São Luís refinery, all in Brazil) and a portion (55%) of the Portland smelter (Australia) within Alcoa Corporation's Aluminum segment. Alcoa Corporation owns 60% and Alumina Limited owns 40% of these individual entities, which are consolidated by the Company for financial reporting purposes and include Alcoa of Australia Limited (AofA), Alcoa World Alumina LLC (AWA), Alcoa World Alumina Brasil Ltda. (AWAB), and Alúmina Española, S.A. (Española). Alumina Limited's interest in the equity of such entities is reflected as Noncontrolling interest on the accompanying Consolidated Balance Sheet. On August 1, 2024, the Company completed the acquisition of Alumina Limited (see Note C). 0.55 0.60 0.40

B. Recently Adopted and Recently Issued Accounting Guidance

In December 2023, the Financial Accounting Standards Board (FASB) issued Accounting Standard Update (ASU) No. 2023-09 which includes changes to income tax disclosures, including greater disaggregation of information in the rate reconciliation and disclosure

of taxes paid by jurisdiction. The guidance is effective for annual periods beginning after December 15, 2024. Early adoption is permitted. The adoption of this guidance will provide enhanced disclosures regarding income taxes and will not have a material impact on the Company's financial statements.

In November 2023, the FASB issued ASU 2023-07 which requires disclosure of significant segment expenses regularly provided to the chief operating decision maker (CODM), other segment items (not included in significant segment expenses for each reportable segment), the title and position of the CODM, and an explanation of how the CODM uses the reported measure of segment profit or loss to assess segment performance and allocate resources. The adoption of this guidance will not have a material impact on the Company's financial statements and will provide enhanced disclosures regarding reportable segments beginning in the Company's Annual Report on Form 10-K for the year ended December 31, 2024.

C. Acquisitions and Divestitures

<u>Alumina Limited Acquisition</u>

On August 1, 2024, Alcoa completed the acquisition of all of the ordinary shares of Alumina Limited (Alumina Shares) through a wholly owned subsidiary, AAC Investments Australia 2 Pty Ltd. Alumina Limited holds a 40% ownership interest in the AWAC joint venture. The acquisition is intended to enhance Alcoa's position as a leading pure play, upstream aluminum company globally, while simplifying the Company's corporate structure and governance, resulting in greater operational flexibility and strategic optionality.

Under the Scheme Implementation Deed (the Agreement) entered into in March 2024, as amended in May 2024, holders of Alumina Shares received 0.02854 Alcoa CHESS Depositary Interests (CDIs) for each Alumina Share (the Agreed Ratio), except that i) holders of Alumina Shares represented by American Depositary Shares, each of which represented 4 Alumina Shares, received 0.02854 shares of Alcoa common stock and ii) a certain shareholder received, for certain of their Alumina Shares, 0.02854 shares of Alcoa non-voting convertible preferred stock. The Alcoa CDIs are quoted on the Australian Stock Exchange.

At closing, Alumina Shares outstanding of 2,760,056,014 and 141,625,403 were exchanged for 78,772,422 and 4,041,989 shares of Alcoa common stock and Alcoa preferred stock, respectively. Based on Alcoa's closing share price as of July 26, 2024, the Agreed Ratio implies a value of A$1.45 per Alumina Share and aggregate purchase consideration of approximately $2,800 for Alumina Limited.

The transaction consisted in substance of the acquisition of Alumina Limited's noncontrolling interest in AWAC, the assumption of Alumina Limited's indebtedness (approximately $385 as of August 1, 2024, see Note K), and the recognition of deferred tax assets (approximately $100, see Note N) related to Alumina Limited's prior net operating losses. The increase in ownership in AWAC from 60

% to 100%, as well as the assumption of Alumina Limited's assets and liabilities, will be accounted for as an equity transaction under ASC 810, Consolidation, with the difference in purchase consideration and the net assets acquired recognized as an increase in total Alcoa Corporation shareholders' equity. The accounting for the transaction is not yet complete and the final value of assets and liabilities acquired is subject to change. Additionally, as of June 30, 2024, the Company recognized transaction costs of $9 in Prepaid expenses and other current assets, which will be reclassified to Additional capital as of August 1, 2024.

Under the terms of the Agreement, Alcoa agreed to provide a shareholder loan to AWAC in place of required capital contributions by Alumina Limited if Alumina Limited's net debt position exceeded $420 prior to the acquisition closing. Alcoa was not required to and did not provide any shareholder loans to AWAC under this provision.

Warrick Rolling Mill Divestiture

In conjunction with the sale of its rolling mill located at Warrick Operations (Warrick Rolling Mill) in March 2021, the Company recorded estimated liabilities for site separation commitments.

The Company recorded charges of $4 and $15 in the second quarter and the six-month period of 2024, respectively, in Other (income) expenses, net on the accompanying Statement of Consolidated Operations related to these commitments. During the second quarter and the six-month period of 2024, the Company spent $5 and $12 against the reserve, respectively.

In the six-month period of 2023, the Company recorded a charge of $17 in Other (income) expenses, net on the accompanying Statement of Consolidated Operations related to these commitments. During the second quarter and six-month period of 2023, the Company spent $11 and $25 against the reserve, respectively.

The remaining balance of $14 at June 30, 2024 is expected to be spent in 2024.

0.400.0285440.028540.0285427600560141416254037877242240419891.452800000003850000001000000

D. Restructuring and Other Charges, Net

In the second quarter and the six-month period of 2024, Alcoa Corporation recorded Restructuring and other charges, net, of $18

and $220, respectively, which were primarily comprised of:

- A charge of $8 and $205, respectively, for the curtailment of the Kwinana (Australia) refinery; and,

- A charge of $8 and $12, respectively, for take-or-pay contract costs at the closed Wenatchee (Washington) smelter.

In June 2024, Alcoa completed the full curtailment of the Kwinana refinery, as planned, which was announced in January 2024. As of March 2024, the refinery had approximately 780 employees and this number will be reduced to approximately 250 in the third quarter of 2024 to manage certain processes that will continue until about the third quarter of 2025. At that time, the employee number will be further reduced to approximately 50. In addition to the employees separating as a result of the curtailment, approximately 150 employees will either terminate through the productivity program announced in the third quarter of 2023 or redeploy to other Alcoa operations. Charges related to the curtailment totaled $205 in the six-month period of 2024 and included charges of $129 for water management costs, $41 for severance and employee termination costs for the separation of approximately 580 employees, $15 for asset retirement obligations, $13 for take-or-pay contracts, $5 for asset impairments and $2 for contract terminations. Related cash outlays of approximately $225 (which includes existing employee related liabilities and asset retirement obligations) are expected through 2025, with approximately $145

to be spent in 2024. The Company spent $22 and $24 against the reserve in the second quarter and six-month period of 2024, respectively.

In the second quarter and the six-month period of 2023, Alcoa Corporation recorded Restructuring and other charges, net, of $24 and $173, respectively, which were primarily comprised of:

- A charge of $101 (six-month period only) for asset impairments and to establish reserves for environmental, demolition and employee severance costs related to the permanent closure of the Intalco (Washington) aluminum smelter;
- A charge of $47 (six-month period only) for increased reserves for certain employee obligations related to the updated agreement for the San Ciprián (Spain) aluminum smelter; and,
- A charge of $21 (both periods) related to the settlement of certain pension benefits.

In March 2023, Alcoa Corporation announced the closure of the Intalco aluminum smelter, which had been fully curtailed since 2020. The Company recorded charges of $117 related to the closure, including a charge of $16 in Cost of goods sold on the Statement of Consolidated Operations to write-down remaining inventories to net realizable value and a charge of $101 in Restructuring and other charges, net on the Statement of Consolidated Operations. The restructuring charges were comprised of asset impairments of $50, environmental and demolition obligation reserves of $50, and severance and employee termination costs of $1 for the separation of approximately 12 employees. Cash outlays related to the permanent closure of the site are expected to be $85 over the next three years with approximately $45 to be spent in

family:Times New Roman;min-width:fit-content;"> 2024. The Company spent $9 and $13 against the reserve in the second quarter and six-month period of 2024, respectively.</p><p style="font-size:10pt;margin-top:9pt;font-family:Times New Roman;margin-bottom:0;text-align:left;">In February 2023, the Company reached an updated viability agreement with the workers' representatives of the San Ciprián smelter to commence the restart process in phases beginning in January 2024. The smelter was curtailed in January 2022 as a result of an agreement reached with the workers' representatives in December 2021. Under the terms of the updated viability agreement, the Company is responsible for certain employee obligations during 2023 through 2025 and made additional commitments for capital improvements of $78. The Company recorded charges of $47 in Restructuring and other charges, net on the Statement of Consolidated Operations to establish the related reserve for employee obligations in the six month period of 2023. Cash outlays related to employee obligations are expected to be $47 through 2025, with approximately $36 to be spent in 2024. The Company spent $9 and $18 against the reserve in the second quarter and six-month period of 2024, respectively. At June 30, 2024, the Company had restricted cash of $86 to be made available for remaining capital improvement commitments at the site of $111 and smelter restart costs of $32 for both the agreement reached with the worker's representatives in December 2021 and the updated viability agreement in February 2023. Restricted cash is included in Prepaid expenses and other current assets and Other noncurrent assets on the Consolidated Balance Sheet (see Note P).</p><div style="font-size:10pt;font-family:Times New Roman;"><p style="font-size:10pt;margin-top:9pt;font-family:Times New Roman;margin-bottom:0;text-align:left;">Alcoa Corporation does not include Restructuring and other charges, net in the results of its reportable segments. The impact of allocating such charges to segment results would have been as follows: </p><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p> <table style="margin-left:auto;border-spacing:0;table-layout:fixed;width:100.0%;border-collapse:separate;margin-right:auto;"> <tr style="visibility:collapse;"> <td style="width:37.187%;"></td> <td style="width:1.44%;"></td> <td style="width:1%;"></td> <td style="width:12.262%;"></td> <td style="width:1%;"></td> <td style="width:1.44%;"></td> <td style="width:1%;"></td> <td style="width:12.262%;"></td> <td style="width:1%;"></td> <td style="width:1.44%;"></td> <td style="width:1%;"></td> <td style="width:12.262%;"></td> <td style="width:1%;"></td> <td style="width:1.44%;"></td> <td style="width:1%;"></td> <td style="width:12.262%;"></td> <td style="width:1%;"></td> </tr> <tr style="height:9pt;background-color:#ffffff;white-space:pre-wrap;word-break:break-word;"> <td style="vertical-align:bottom;text-align:left;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"> </p></td> <td style="vertical-align:bottom;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td colspan="6" style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;">Second quarter ended
June 30,</p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"> </p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #ffffff03;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td colspan="6" style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"><span style="color:#000000;white-space:pre-wrap;font-weight:bold;min-width:fit-

	Six months ended June 30,			
	2024	**2023**	**2024**	**2023**
Alumina	$ 8	$ 1	$ 205	$ 2

word;"> <td style="white-space:pre-wrap;vertical-align:top;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">Aluminum</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">—</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">19</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">—</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">165</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> </tr> <tr style="height:10pt;background-color:#cff0fc;word-break:break-word;"> <td style="text-indent:20pt;white-space:pre-wrap;vertical-align:top;"><p style="margin-left:20pt;text-indent:0;font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">Segment total</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">8</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">20</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">205</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-

							167								
Corporate			10				4			15				6	
Total Restructuring and other charges, net		$	18			$	24								

style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">$</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">220</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">$</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">173</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> </tr> </table><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></div><div style="font-size:10pt;font-family:Times New Roman;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">Activity and reserve balances for restructuring charges were as follows: </p><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p> <table style="margin-left:auto;border-spacing:0;table-layout:fixed;width:100.0%;border-collapse:separate;margin-right:auto;"> <tr style="visibility:collapse;"> <td style="width:57.863%;"></td> <td style="width:1.281%;"></td> <td style="width:1%;"></td> <td style="width:10.764000000000001%;"></td> <td style="width:1%;"></td> <td style="width:1.281%;"></td> <td style="width:1%;"></td> <td style="width:10.764000000000001%;"></td> <td style="width:1%;"></td> <td style="width:1.281%;"></td> <td style="width:1%;"></td> <td style="width:10.764000000000001%;"></td> <td style="width:1%;"></td> </tr> <tr style="height:9pt;background-color:#ffffff;white-space:pre-wrap;word-break:break-word;"> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"> </p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td colspan="2" style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;">Severance
and
employee
termination
costs</p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"> </p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td colspan="2" style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;">Other
costs</p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"> </p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td colspan="2" style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;">Total</p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"> </p></td> </tr> <tr style="height:10pt;background-color:#cff0fc;word-break:break-word;"> <td style="white-space:pre-wrap;vertical-align:top;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">Balance at December 31, 2022</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">$</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">1</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p

	$	116			$		$	117	
Restructuring and other charges, net			11			55		66	
Cash payments			(6)			(118)		(	

			124	)								
Reversals and other			—				4				4	
Balance at December 31, 2023			6				57				63	
Restructuring and other charges, net												

		43				156				199	
Cash payments			(1)			(55)			(56)		
Reversals and other			1								

family:Times New Roman;margin-bottom:0;text-align:right;">3</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">4</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> </tr> <tr style="height:10pt;background-color:#cff0fc;word-break:break-word;"> <td style="white-space:pre-wrap;vertical-align:top;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">Balance at June 30, 2024</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">$</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">49</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">$</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">161</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">$</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">210</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> </tr> </table></div><p style="font-size:10pt;margin-top:9pt;font-family:Times New Roman;margin-bottom:0;text-align:left;">The activity and reserve balances include only Restructuring and other charges, net that impacted the reserves for Severance and employee termination costs and Other costs. Restructuring and other charges, net that affected other liability accounts such as Accrued pension benefits (see Note L), Asset retirement obligations, and Environmental remediation (see Note O) are excluded from the above activity and balances. Reversals and other includes reversals of previously recorded liabilities and foreign currency translation impacts.</p><p style="font-size:10pt;margin-top:9pt;font-family:Times New Roman;margin-bottom:0;text-align:left;">The noncurrent portion of the reserve was $22 and $15 at June 30, 2024 and December 31, 2023, respectively.</p>180000022000000080000002050000008000000120000007802505015020500000012900000410000005801 21000000- 21000000011700000016000000101000000500000005000000010000001285000000450000090000001300000078(style="font-size:10pt;margin-top:9pt;font-family:Times New Roman;margin-bottom:0;text-align:left;">Alcoa Corporation does not include Restructuring and other charges, net in the results of its reportable segments. The impact of allocating such charges to segment results would have been as follows: </p><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p>

```html
layout:fixed;width:100.0%;border-collapse:separate;margin-right:auto;"> <tr style="visibility:collapse;"> <td style="width:37.187%;"></td> <td style="width:1.44%;"></td> <td style="width:1%;"></td> <td style="width:12.262%;"></td> <td style="width:1%;"></td> <td style="width:1.44%;"></td> <td style="width:1%;"></td> <td style="width:12.262%;"></td> <td style="width:1%;"></td> <td style="width:1.44%;"></td> <td style="width:1%;"></td> <td style="width:12.262%;"></td> <td style="width:1%;"></td> <td style="width:1.44%;"></td> <td style="width:1%;"></td> <td style="width:12.262%;"></td> <td style="width:1%;"></td> </tr> <tr style="height:9pt;background-color:#ffffff;white-space:pre-wrap;word-break:break-word;"> <td style="vertical-align:bottom;text-align:left;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"><span style="white-space:pre-wrap;min-width:fit-content;"> </span></p></td> <td style="vertical-align:bottom;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"><span style="white-space:pre-wrap;min-width:fit-content;"> </span></p></td> <td colspan="6" style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"><span style="color:#000000;white-space:pre-wrap;font-weight:bold;min-width:fit-content;">Second quarter ended <br/>June 30,</span></p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"><span style="white-space:pre-wrap;min-width:fit-content;"> </span></p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #ffffff03;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"><span style="white-space:pre-wrap;min-width:fit-content;"> </span></p></td> <td colspan="6" style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"><span style="color:#000000;white-space:pre-wrap;font-weight:bold;min-width:fit-content;">Six months ended <br/>June 30,</span></p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"><span style="white-space:pre-wrap;min-width:fit-content;"> </span></p></td> </tr> <tr style="height:9pt;background-color:#ffffff;white-space:pre-wrap;word-break:break-word;"> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"><span style="white-space:pre-wrap;min-width:fit-content;"> </span></p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"><span style="white-space:pre-wrap;min-width:fit-content;"> </span></p></td> <td colspan="2" style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"><span style="color:#000000;white-space:pre-wrap;font-weight:bold;min-width:fit-content;">2024</span></p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"><span style="white-space:pre-wrap;min-width:fit-content;"> </span></p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"><span style="white-space:pre-wrap;min-width:fit-content;"> </span></p></td> <td colspan="2" style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"><span style="color:#000000;white-space:pre-wrap;font-weight:bold;min-width:fit-content;">2023</span></p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"><span style="white-space:pre-wrap;min-width:fit-content;"> </span></p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"><span style="white-space:pre-wrap;min-width:fit-content;"> </span></p></td> <td colspan="2" style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"><span style="color:#000000;white-space:pre-wrap;font-weight:bold;min-width:fit-content;">2024</span></p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"><span style="white-space:pre-wrap;min-width:fit-content;"> </span></p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"><span style="white-space:pre-wrap;min-width:fit-content;"> </span></p></td> <td colspan="2" style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"><span style="color:#000000;white-space:pre-wrap;font-weight:bold;min-width:fit-content;">2023</span></p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"><span style="white-space:pre-wrap;min-width:fit-content;"> </span></p></td> </tr> <tr style="height:10pt;background-color:#cff0fc;word-break:break-word;"> <td style="white-space:pre-wrap;vertical-align:top;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"><span style="color:#000000;white-space:pre-wrap;min-width:fit-content;">Alumina</span></p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"><span style="white-space:pre-wrap;min-width:fit-content;"> </span></p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"><span style="color:#000000;min-width:fit-content;">$</span></p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"><span style="color:#000000;white-space:pre-wrap;min-width:fit-content;">8</span></p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"><span style="min-width:fit-content;"> </span></p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"><span style="white-space:pre-wrap;min-width:fit-content;"> </span></p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"><span style="color:#000000;min-width:fit-content;">$</span></p></td> <td style="white-
```

1		$	205		$	2
Aluminum	—		19	—		165
Segment total			8			

style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">20</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">205</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">167</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> </tr> <tr style="height:10pt;background-color:#ffffff;word-break:break-word;"> <td style="white-space:pre-wrap;vertical-align:top;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">Corporate</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">10</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">4</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">15</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">6</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> </tr> <tr style="height:10pt;background-color:#cff0fc;word-break:break-word;"> <td style="white-space:pre-wrap;vertical-align:top;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">Total Restructuring and other charges, net</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-

top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">$</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">18</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">$</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">24</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">$</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">220</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">$</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">173</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> </tr> </table><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p>80000010000002050000020000001900000016500000800000020000002050000016700000010000000

style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">Activity and reserve balances for restructuring charges were as follows: </p><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p> <table style="margin-left:auto;border-spacing:0;table-layout:fixed;width:100.0%;border-collapse:separate;margin-right:auto;"> <tr style="visibility:collapse;"> <td style="width:57.863%;"></td> <td style="width:1.281%;"></td> <td style="width:1%;"></td> <td style="width:10.764000000000001%;"></td> <td style="width:1%;"></td> <td style="width:1.281%;"></td> <td style="width:1%;"></td> <td style="width:10.764000000000001%;"></td> <td style="width:1%;"></td> <td style="width:1.281%;"></td> <td style="width:1%;"></td> <td style="width:10.764000000000001%;"></td> <td style="width:1%;"></td> </tr> <tr style="height:9pt;background-color:#ffffff;white-space:pre-wrap;word-break:break-word;"> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"> </p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td colspan="2" style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;">Severance
and
employee
termination
costs</p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"> </p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td colspan="2" style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;">Other
costs</p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"> </p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"><span

style="white-space:pre-wrap;min-width:fit-content;"> </p></td> <td colspan="2" style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;">Total</p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"> </p></td> </tr> <tr style="height:10pt;background-color:#cff0fc;word-break:break-word;"> <td style="white-space:pre-wrap;vertical-align:top;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">Balance at December 31, 2022</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">$</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">1</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">$</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">116</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">$</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">117</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> </tr> <tr style="height:10pt;background-color:#ffffff;word-break:break-word;"> <td style="white-space:pre-wrap;vertical-align:top;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">Restructuring and other charges, net</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">11</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">55</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">66</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> </tr> <tr style="height:10pt;background-color:#cff0fc;word-break:break-word;"> <td style="white-space:pre-wrap;vertical-align:top;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">Cash payments</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New

	(6)	(118)	(124)	
Reversals and other	—	4		4
Balance at December 31, 2023	6			

space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">57</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">63</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> </tr> <tr style="height:10pt;background-color:#ffffff;word-break:break-word;"> <td style="white-space:pre-wrap;vertical-align:top;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">Restructuring and other charges, net</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">43</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">156</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">199</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> </tr> <tr style="height:10pt;background-color:#cff0fc;word-break:break-word;"> <td style="white-space:pre-wrap;vertical-align:top;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">Cash payments</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">(1</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">)</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">(55</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">)</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"><span style="color:#000000;white-space:pre-

(56)										
Reversals and other			1				3			4
Balance at June 30, 2024	$	49		$	161		$	210		

1000000116000000117000000110000005500000660000006000000118000000124000000-4000000-4000000600000057000000630000043000000156000001990000010000055000000560000 00-1000000-3000000-4000004900000016100000021000000022000000015000000

E.

Segment Information – Alcoa Corporation is a producer of bauxite, alumina, and aluminum products. The Company has two operating and reportable segments: (i) Alumina and (ii) Aluminum. Segment performance under Alcoa Corporation's management reporting system is evaluated based on a number of factors; however, the primary measure of performance is the Adjusted EBITDA (Earnings before interest, taxes, depreciation, and amortization) for each segment. The Company calculates Segment Adjusted EBITDA as Total sales (third-party and intersegment) minus the following items: Cost of goods sold; Selling, general administrative, and other expenses; and Research and development expenses. Alcoa Corporation's Segment Adjusted EBITDA may not be comparable to similarly titled measures of other companies. The CODM function regularly reviews the financial information, including Adjusted EBITDA, of these two operating segments to assess performance and allocate resources.</p><div style="font-size:10pt;font-family:Times New Roman;"><p style="font-size:10pt;margin-top:9pt;font-family:Times New Roman;margin-bottom:0;text-align:left;">The operating results of Alcoa Corporation's reportable segments were as follows (differences between segment totals and consolidated amounts are in Corporate):</p><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p> <table style="margin-left:auto;border-spacing:0;table-layout:fixed;width:100.0%;border-collapse:separate;margin-right:auto;"> <tr style="visibility:collapse;"> <td style="width:56.3%;"></td> <td style="width:1.46%;"></td> <td style="width:1.46%;"></td> <td style="width:1%;"></td> <td style="width:10.620000000000001%;"></td> <td style="width:1%;"></td> <td style="width:1.46%;"></td> <td style="width:1%;"></td> <td style="width:10.620000000000001%;"></td> <td style="width:1%;"></td> <td style="width:1.46%;"></td> <td style="width:1%;"></td> <td style="width:10.620000000000001%;"></td> <td style="width:1%;"></td> </tr> <tr style="height:9pt;background-color:#ffffff;white-space:pre-wrap;word-break:break-word;"> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"> </p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td colspan="2" style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;">Alumina</p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"> </p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td colspan="2" style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;">Aluminum</p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"> </p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td colspan="2" style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;">Total</p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"> </p></td> </tr> <tr style="height:10pt;background-color:#cff0fc;white-space:pre-wrap;word-break:break-word;"> <td style="vertical-align:top;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">Second quarter ended June 30, 2024</p></td> <td style="vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td colspan="2" style="vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td colspan="2" style="vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td colspan="2" style="vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> </tr> <tr style="height:10pt;background-color:#ffffff;white-space:pre-wrap;word-break:break-word;">

Sales:											
Third-party sales		$	1,010			$	1,895			$	2,905
Intersegment sales			457								

	3				460					
Total sales		$	1,467			$	1,898		$	3,365
Segment Adjusted EBITDA		$	186			$	233			

align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">$</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">419</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> </tr> <tr style="height:10pt;background-color:#cff0fc;white-space:pre-wrap;word-break:break-word;"> <td style="vertical-align:top;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">Supplemental information:</p></td> <td style="vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td colspan="2" style="vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td colspan="2" style="vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td colspan="2" style="vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> </tr> <tr style="height:10pt;background-color:#ffffff;word-break:break-word;"> <td style="text-indent:10pt;white-space:pre-wrap;vertical-align:top;"><p style="margin-left:10pt;text-indent:0;font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">Depreciation, depletion, and amortization</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">$</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">90</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">$</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">68</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">$</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">158</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> </tr> <tr style="height:10pt;background-color:#cff0fc;word-break:break-word;"> <td style="text-indent:10pt;white-space:pre-wrap;vertical-align:top;border-bottom:0.5pt solid #000000;"><p style="margin-left:10pt;text-indent:0;font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">Equity income</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New

Roman;margin-bottom:0;text-align:left;">$</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">2</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">$</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">21</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">$</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">23</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> </tr> <tr style="height:10pt;background-color:#ffffff;white-space:pre-wrap;word-break:break-word;"> <td style="vertical-align:top;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">Second quarter ended June 30, 2023</p></td> <td style="vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td colspan="2" style="vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td colspan="2" style="vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td colspan="2" style="vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> </tr> <tr style="height:10pt;background-color:#cff0fc;white-space:pre-wrap;word-break:break-word;"> <td style="vertical-align:top;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">Sales:</p></td> <td style="vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td colspan="2" style="vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td colspan="2" style="vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td colspan="2" style="vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> </tr> <tr style="height:10pt;background-color:#ffffff;word-break:break-word;"> <td style="text-indent:10pt;white-

space:pre-wrap;vertical-align:top;"><p style="margin-left:10pt;text-indent:0;font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">Third-party sales</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">$</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">894</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">$</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">1,788</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">$</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">2,682</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> </tr> <tr style="height:10pt;background-color:#cff0fc;word-break:break-word;"> <td style="text-indent:10pt;white-space:pre-wrap;vertical-align:top;border-bottom:0.5pt solid #000000;"><p style="margin-left:10pt;text-indent:0;font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">Intersegment sales</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">397</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">4</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">401</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> </tr> <tr style="height:10pt;background-color:#ffffff;word-break:break-word;"> <td style="text-indent:20pt;white-space:pre-wrap;vertical-align:top;border-bottom:0.5pt solid #000000;"><p style="margin-left:20pt;text-indent:0;font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">Total sales</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New

Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">$</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">1,291</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">$</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">1,792</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">$</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">3,083</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> </tr> <tr style="height:10pt;background-color:#cff0fc;word-break:break-word;"> <td style="white-space:pre-wrap;vertical-align:top;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">Segment Adjusted EBITDA</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">$</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">33</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">$</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">110</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">$</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">143</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> </tr> <tr style="height:10pt;background-color:#ffffff;white-space:pre-wrap;word-break:break-word;"> <td style="vertical-align:top;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">Supplemental information:</p></td> <td style="vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td colspan="2" style="vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td colspan="2" style="vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-

Depreciation, depletion, and amortization			$	80			$	68			$	148	
Equity loss			$	(11)			$	(16)			$		

align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">(27</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">)</p></td> </tr> </table><p style="font-size:10pt;margin-top:9pt;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p> <table style="margin-left:auto;border-spacing:0;table-layout:fixed;width:100.0%;border-collapse:separate;margin-right:auto;"> <tr style="visibility:collapse;"> <td style="width:56.3%;"></td> <td style="width:1.46%;"></td> <td style="width:1.46%;"></td> <td style="width:1%;"></td> <td style="width:10.620000000000001%;"></td> <td style="width:1%;"></td> <td style="width:1.46%;"></td> <td style="width:1%;"></td> <td style="width:10.620000000000001%;"></td> <td style="width:1%;"></td> <td style="width:1.46%;"></td> <td style="width:1%;"></td> <td style="width:10.620000000000001%;"></td> <td style="width:1%;"></td> </tr> <tr style="height:9pt;background-color:#ffffff;white-space:pre-wrap;word-break:break-word;"> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"> </p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td colspan="2" style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;">Alumina</p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"> </p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td colspan="2" style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;">Aluminum</p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"> </p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td colspan="2" style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;">Total</p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"> </p></td> </tr> <tr style="height:10pt;background-color:#cff0fc;white-space:pre-wrap;word-break:break-word;"> <td style="vertical-align:top;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">Six months ended June 30, 2024</p></td> <td style="vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td colspan="2" style="vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td colspan="2" style="vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td colspan="2" style="vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> </tr> <tr style="height:10pt;background-color:#ffffff;white-space:pre-wrap;word-break:break-word;"> <td style="vertical-align:top;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">Sales:</p></td> <td style="vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td colspan="2" style="vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"><span style="white-

space:pre-wrap;min-width:fit-content;"> </p></td> <td style="vertical-align:bottom;text-align:center;"> <p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td colspan="2" style="vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td colspan="2" style="vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> </tr> <tr style="height:10pt;background-color:#cff0fc;word-break:break-word;"> <td style="text-indent:10pt;white-space:pre-wrap;vertical-align:top;"><p style="margin-left:10pt;text-indent:0;font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">Third-party sales</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">$</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">1,971</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">$</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">3,533</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">$</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">5,504</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> </tr> <tr style="height:10pt;background-color:#ffffff;word-break:break-word;"> <td style="text-indent:10pt;white-space:pre-wrap;vertical-align:top;border-bottom:0.5pt solid #000000;"><p style="margin-left:10pt;text-indent:0;font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">Intersegment sales</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">852</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">7</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"><span style="white-space:pre-wrap;min-width:fit-

content;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">859</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> </tr> <tr style="height:10pt;background-color:#cff0fc;word-break:break-word;"> <td style="text-indent:20pt;white-space:pre-wrap;vertical-align:top;border-bottom:0.5pt solid #000000;"><p style="margin-left:20pt;text-indent:0;font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">Total sales</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">$</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">2,823</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">$</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">3,540</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">$</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">6,363</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> </tr> <tr style="height:10pt;background-color:#ffffff;word-break:break-word;"> <td style="white-space:pre-wrap;vertical-align:top;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">Segment Adjusted EBITDA</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">$</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">325</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">$</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">283</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">$</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">608</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-

align:left;"> </p></td> </tr> <tr style="height:10pt;background-color:#cff0fc;white-space:pre-wrap;word-break:break-word;"> <td style="vertical-align:top;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">Supplemental information:</p> </td> <td style="vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td colspan="2" style="vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td colspan="2" style="vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td colspan="2" style="vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> </tr> <tr style="height:10pt;background-color:#ffffff;word-break:break-word;"> <td style="text-indent:10pt;white-space:pre-wrap;vertical-align:top;"><p style="margin-left:10pt;text-indent:0;font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">Depreciation, depletion, and amortization</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">$</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">177</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">$</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">136</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">$</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">313</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> </tr> <tr style="height:10pt;background-color:#cff0fc;word-break:break-word;"> <td style="text-indent:10pt;white-space:pre-wrap;vertical-align:top;border-bottom:0.5pt solid #000000;"><p style="margin-left:10pt;text-indent:0;font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">Equity (loss) income</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">$</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">(9</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">)</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid

#000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">$</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">23</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">$</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">14</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> </tr> <tr style="height:10pt;background-color:#ffffff;white-space:pre-wrap;word-break:break-word;"> <td style="vertical-align:top;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">Six months ended June 30, 2023</p></td> <td style="vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td colspan="2" style="vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td colspan="2" style="vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td colspan="2" style="vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> </tr> <tr style="height:10pt;background-color:#cff0fc;white-space:pre-wrap;word-break:break-word;"> <td style="vertical-align:top;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">Sales:</p></td> <td style="vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td colspan="2" style="vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td colspan="2" style="vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td colspan="2" style="vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> </tr> <tr style="height:10pt;background-color:#ffffff;word-break:break-word;"> <td style="text-indent:10pt;white-space:pre-wrap;vertical-align:top;"><p style="margin-left:10pt;text-indent:0;font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">Third-party sales</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:

space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">$</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">1,751</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">$</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">3,598</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">$</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">5,349</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> </tr> <tr style="height:10pt;background-color:#cff0fc;word-break:break-word;"> <td style="text-indent:10pt;white-space:pre-wrap;vertical-align:top;border-bottom:0.5pt solid #000000;"><p style="margin-left:10pt;text-indent:0;font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">Intersegment sales</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">818</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">7</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">825</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> </tr> <tr style="height:10pt;background-color:#ffffff;word-break:break-word;"> <td style="text-indent:20pt;white-space:pre-wrap;vertical-align:top;border-bottom:0.5pt solid #000000;"><p style="margin-left:20pt;text-indent:0;font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">Total sales</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">$</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">2,569</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New

		$	3,605			$			6,174
Segment Adjusted EBITDA		$	136		$	294		$	430
Supplemental information:									

Depreciation, depletion, and amortization	$	157	$	138	$	295	
Equity loss	$	(28)	$	(73)	$	(101)	

The following table reconciles Total Segment Adjusted EBITDA to Consolidated net income (loss) attributable to Alcoa Corporation:

	Second quarter ended June 30,		Six months ended June 30,	
	2024	2023	2024	2023
Total Segment Adjusted EBITDA	$ 419			

space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">$</p> </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">143</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">$</p> </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">608</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">$</p> </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">430</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> </tr> <tr style="height:10pt;background-color:#ffffff;white-space:pre-wrap;word-break:break-word;"> <td style="vertical-align:top;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">Unallocated amounts:</p></td> <td style="vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td colspan="2" style="vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td colspan="2" style="vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td colspan="2" style="vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td colspan="2" style="vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> </tr> <tr style="height:10pt;background-color:#cff0fc;word-break:break-word;"> <td style="text-indent:10pt;white-space:pre-wrap;vertical-align:top;"><p style="margin-left:10pt;text-indent:0;font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">Transformation(1)</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">(16</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">)</p> </td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">(17</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New

Roman;margin-bottom:0;text-align:left;">)</p>
</td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">(30</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">)</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">(25</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">)</p></td> </tr> <tr style="height:10pt;background-color:#ffffff;word-break:break-word;"> <td style="text-indent:10pt;white-space:pre-wrap;vertical-align:top;"><p style="margin-left:10pt;text-indent:0;font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">Intersegment eliminations</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">(29</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">)</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">31</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">(37</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">)</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">23</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> </tr> <tr style="height:10pt;background-color:#cff0fc;word-break:break-word;"> <td style="text-indent:10pt;white-space:pre-wrap;vertical-align:top;"><p style="margin-left:10pt;text-indent:0;font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">Corporate expenses(2)</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">(41</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">)</p>

| | | | (| 24 |) | | | (| 75 |) | | | (| 54 |) |

| Provision for depreciation, depletion, and amortization | | | (| 163 |) | | | (| 153 |) | | | (| 324 |) | | | (| 306 |) |

Restructuring and other charges, net (D)

</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">(18</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">)</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">(24</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">)</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">(220</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">)</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">(173</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">)</p></td> </tr> <tr style="height:10pt;background-color:#ffffff;word-break:break-word;"> <td style="text-indent:10pt;white-space:pre-wrap;vertical-align:top;"><p style="margin-left:10pt;text-indent:0;font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">Interest expense</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">(40</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">)</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">(27</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">)</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">(67</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">)</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"><span style="min-

```
width:fit-content;"> </span></p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"><span style="color:#000000;white-space:pre-wrap;min-width:fit-content;">(</span><span style="color:#000000;white-space:pre-wrap;min-width:fit-content;">53</span></p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"><span style="color:#000000;min-width:fit-content;">)</span></p></td> </tr> <tr style="height:10pt;background-color:#cff0fc;word-break:break-word;"> <td style="text-indent:10pt;white-space:pre-wrap;vertical-align:top;"><p style="margin-left:10pt;text-indent:0;font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"><span style="color:#000000;white-space:pre-wrap;min-width:fit-content;">Other income (expenses), net (P)</span></p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"><span style="white-space:pre-wrap;min-width:fit-content;"> </span></p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"><span style="min-width:fit-content;"> </span></p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"><span style="color:#000000;white-space:pre-wrap;min-width:fit-content;">22</span></p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"><span style="min-width:fit-content;"> </span></p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"><span style="white-space:pre-wrap;min-width:fit-content;"> </span></p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"><span style="min-width:fit-content;"> </span></p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"><span style="color:#000000;white-space:pre-wrap;min-width:fit-content;">(</span><span style="color:#000000;white-space:pre-wrap;min-width:fit-content;">6</span></p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"><span style="color:#000000;min-width:fit-content;">)</span></p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"><span style="white-space:pre-wrap;min-width:fit-content;"> </span></p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"><span style="min-width:fit-content;"> </span></p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"><span style="color:#000000;white-space:pre-wrap;min-width:fit-content;">(</span><span style="color:#000000;white-space:pre-wrap;min-width:fit-content;">37</span></p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"><span style="color:#000000;min-width:fit-content;">)</span></p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"><span style="white-space:pre-wrap;min-width:fit-content;"> </span></p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"><span style="min-width:fit-content;"> </span></p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"><span style="color:#000000;white-space:pre-wrap;min-width:fit-content;">(</span><span style="color:#000000;white-space:pre-wrap;min-width:fit-content;">60</span></p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"><span style="color:#000000;min-width:fit-content;">)</span></p></td> </tr> <tr style="height:10pt;background-color:#ffffff;word-break:break-word;"> <td style="text-indent:10pt;white-space:pre-wrap;vertical-align:top;border-bottom:0.5pt solid #000000;"><p style="margin-left:10pt;text-indent:0;font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"><span style="color:#000000;white-space:pre-wrap;min-width:fit-content;">Other</span><span style="color:#000000;top:-4.6899999999999995pt;white-space:pre-wrap;font-size:6.7pt;position:relative;min-width:fit-content;">(3)</span></p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"><span style="white-space:pre-wrap;min-width:fit-content;"> </span></p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"><span style="min-width:fit-content;"> </span></p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"><span style="color:#000000;white-space:pre-wrap;min-width:fit-content;">(</span><span style="color:#000000;white-space:pre-wrap;min-width:fit-content;">42</span></p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"><span style="color:#000000;min-width:fit-content;">)</span></p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"><span style="white-space:pre-wrap;min-width:fit-content;"> </span></p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"><span style="min-width:fit-content;"> </span></p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"><span style="color:#000000;white-space:pre-wrap;min-width:fit-content;">(</span><span style="color:#000000;white-space:pre-wrap;min-width:fit-content;">22</span></p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"><span style="color:#000000;min-width:fit-content;">)</span></p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-
```

family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">(51</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">)</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">(61</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">)</p></td> </tr> <tr style="height:10pt;background-color:#cff0fc;word-break:break-word;"> <td style="white-space:pre-wrap;vertical-align:top;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">Consolidated income (loss) before income taxes</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">92</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">(99</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">)</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">(233</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">)</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">(279</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">)</p></td> </tr> <tr style="height:10pt;background-color:#ffffff;word-break:break-word;"> <td style="text-indent:10pt;white-space:pre-wrap;vertical-align:top;"><p style="margin-left:10pt;text-indent:0;font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">Provision for income taxes</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">(61</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">)</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-

family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">(22</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">)</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">(43</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">)</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">(74</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">)</p></td> </tr> <tr style="height:10pt;background-color:#cff0fc;word-break:break-word;"> <td style="text-indent:10pt;white-space:pre-wrap;vertical-align:top;border-bottom:0.5pt solid #000000;"><p style="margin-left:10pt;text-indent:0;font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">Net (income) loss attributable to noncontrolling interest</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">(11</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">)</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">19</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">44</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">20</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> </tr> <tr style="height:10pt;background-color:#ffffff;word-break:break-word;"> <td style="white-space:pre-wrap;vertical-align:top;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"><span style="color:#000000;white-space:pre-wrap;min-width:fit-

content;">Consolidated net income (loss) attributable to Alcoa Corporation</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">$</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">20</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">$</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">(102</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">)</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">$</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">(232</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">)</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">$</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">(333</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">)</p></td> </tr> </table><p style="text-indent:-4.749%;padding-left:4.533%;font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p><div class="item-list-element-wrapper" style="display:flex;margin-top:0;justify-content:flex-start;align-items:baseline;margin-bottom:0;min-width:2.269%;text-align:left;">(1)<div style="width:100%;display:inline;">Transformation includes, among other items, the Adjusted EBITDA of previously closed operations.</div></div><div class="item-list-element-wrapper" style="display:flex;margin-top:0;justify-content:flex-start;align-items:baseline;margin-bottom:0;min-width:2.269%;text-align:left;">(2)<div style="width:100%;display:inline;">Corporate expenses are composed of general administrative and other expenses of operating the corporate headquarters and other global administrative facilities, as well as research and development expenses of the corporate technical center. </div></div><div class="item-list-element-wrapper" style="display:flex;margin-top:0;justify-content:flex-start;align-items:baseline;margin-bottom:0;min-width:2.269%;text-align:left;">(3)<div style="width:100%;display:inline;">Other includes certain items that are not included in the Adjusted EBITDA of the reportable segments.</div></div></div><div style="font-size:10pt;font-family:Times New Roman;"><p style="font-size:10pt;margin-top:9pt;font-family:Times New Roman;margin-bottom:0;text-align:left;">The following table details Alcoa Corporation's Sales by product division:</p><p style="text-indent:-4.749%;padding-left:4.533%;font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p> <table style="margin-left:auto;border-spacing:0;table-layout:fixed;width:100.0%;border-collapse:separate;margin-right:auto;"> <tr style="visibility:collapse;"> <td style="width:37.187%;"></td> <td style="width:1.44%;"></td> <td style="width:1%;"></td> <td

style="width:12.262%;"></td> <td style="width:1%;"></td> <td style="width:1.44%;"></td> <td style="width:1%;"></td> <td style="width:12.262%;"></td> <td style="width:1%;"></td> <td style="width:1.44%;"></td> <td style="width:1%;"></td> <td style="width:12.262%;"></td> <td style="width:1%;"></td> <td style="width:1.44%;"></td> <td style="width:1%;"></td> <td style="width:12.262%;"></td> <td style="width:1%;"></td> </tr> <tr style="height:9pt;background-color:#ffffff;white-space:pre-wrap;word-break:break-word;"> <td style="vertical-align:bottom;text-align:left;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"> </p></td> <td style="vertical-align:bottom;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td colspan="6" style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;">Second quarter ended
June 30,</p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"> </p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #ffffff03;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td colspan="6" style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;">Six months ended
June 30,</p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"> </p></td> </tr> <tr style="height:9pt;background-color:#ffffff;white-space:pre-wrap;word-break:break-word;"> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"> </p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td colspan="2" style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;">2024</p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"> </p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td colspan="2" style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;">2023</p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"> </p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td colspan="2" style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;">2024</p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"> </p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td colspan="2" style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;">2023</p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"> </p></td> </tr> <tr style="height:10pt;background-color:#cff0fc;word-break:break-word;"> <td style="white-space:pre-wrap;vertical-align:top;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">Aluminum</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">$</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">1,934</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">$</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"><span style="color:#000000;white-space:pre-wrap;min-width:fit-

content;">1,824</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">$</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">3,595</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">$</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">3,670</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> </tr> <tr style="height:10pt;background-color:#ffffff;word-break:break-word;"> <td style="white-space:pre-wrap;vertical-align:top;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">Alumina</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">904</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">774</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">1,794</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">1,488</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> </tr> <tr style="height:10pt;background-color:#cff0fc;word-break:break-word;"> <td style="white-space:pre-wrap;vertical-align:top;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">Energy</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">29</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"><span style="color:#000000;white-space:pre-wrap;min-width:fit-

26			62			54		
Bauxite			96			109		157	236
Other(1)			(57	)				

	(	49	)		(	103
	(	94	)			
	$	2,906			$	2,684
	$	5,505			$	5,354

```
align:left;"><span style="white-space:pre-wrap;min-width:fit-content;"> </span></p></td> <td style="vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"><span style="white-space:pre-wrap;min-width:fit-content;"> </span></p></td> <td colspan="2" style="vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"><span style="white-space:pre-wrap;min-width:fit-content;"> </span></p></td> <td style="vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"><span style="white-space:pre-wrap;min-width:fit-content;"> </span></p></td> <td style="vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"><span style="white-space:pre-wrap;min-width:fit-content;"> </span></p></td> <td colspan="2" style="vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"><span style="white-space:pre-wrap;min-width:fit-content;"> </span></p></td> <td style="vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"><span style="white-space:pre-wrap;min-width:fit-content;"> </span></p></td> <td style="vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"><span style="white-space:pre-wrap;min-width:fit-content;"> </span></p></td> <td colspan="2" style="vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"><span style="white-space:pre-wrap;min-width:fit-content;"> </span></p></td> <td style="vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"><span style="white-space:pre-wrap;min-width:fit-content;"> </span></p></td> <td style="vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"><span style="white-space:pre-wrap;min-width:fit-content;"> </span></p></td> <td colspan="2" style="vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"><span style="white-space:pre-wrap;min-width:fit-content;"> </span></p></td> <td style="vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"><span style="white-space:pre-wrap;min-width:fit-content;"> </span></p></td> </tr> </table></div><div><div class="item-list-element-wrapper" style="display:flex;margin-top:0;justify-content:flex-start;align-items:baseline;margin-bottom:0;min-width:2.269%;text-align:left;"><span style="transform:scale(0.67);color:#000000;white-space:pre-wrap;vertical-align:super;font-size:10pt;font-family:Times New Roman;transform-origin:top left;min-width:2.269%;display:inline-flex;justify-content:flex-start;">(1)</span><div style="width:100%;display:inline;"><span style="color:#000000;white-space:pre-wrap;font-size:10pt;font-family:Times New Roman;min-width:fit-content;">Other includes realized gains and losses related to embedded derivative instruments designated as cash flow hedges of forward sales of aluminum. </span><span style="white-space:pre-wrap;font-size:10pt;font-family:Times New Roman;min-width:fit-content;"></span></div></div></div><p style="font-size:10pt;margin-top:9pt;font-family:Times New Roman;margin-bottom:0;text-align:left;"><span style="color:#000000;white-space:pre-wrap;font-size:10pt;font-family:Times New Roman;min-width:fit-content;">The operating results of Alcoa Corporation's reportable segments were as follows (differences between segment totals and consolidated amounts are in Corporate):</span></p><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"><span style="white-space:pre-wrap;font-size:6pt;font-family:Times New Roman;min-width:fit-content;"> </span></p> <table style="margin-left:auto;border-spacing:0;table-layout:fixed;width:100.0%;border-collapse:separate;margin-right:auto;"> <tr style="visibility:collapse;"> <td style="width:56.3%;"></td> <td style="width:1.46%;"></td> <td style="width:1.46%;"></td> <td style="width:1%;"></td> <td style="width:10.620000000000001%;"></td> <td style="width:1%;"></td> <td style="width:1.46%;"></td> <td style="width:1%;"></td> <td style="width:10.620000000000001%;"></td> <td style="width:1%;"></td> <td style="width:1.46%;"></td> <td style="width:1%;"></td> <td style="width:10.620000000000001%;"></td> <td style="width:1%;"></td> </tr> <tr style="height:9pt;background-color:#ffffff;white-space:pre-wrap;word-break:break-word;"> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"><span style="white-space:pre-wrap;min-width:fit-content;"> </span></p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"><span style="white-space:pre-wrap;min-width:fit-content;"> </span></p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"><span style="white-space:pre-wrap;min-width:fit-content;"> </span></p></td> <td colspan="2" style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"><span style="color:#000000;white-space:pre-wrap;font-weight:bold;min-width:fit-content;">Alumina</span></p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"><span style="white-space:pre-wrap;min-width:fit-content;"> </span></p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"><span style="white-space:pre-wrap;min-width:fit-content;"> </span></p></td> <td colspan="2" style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"><span style="color:#000000;white-space:pre-wrap;font-weight:bold;min-width:fit-content;">Aluminum</span></p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"><span style="white-space:pre-wrap;min-width:fit-content;"> </span></p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"><span style="white-space:pre-wrap;min-width:fit-content;"> </span></p></td> <td colspan="2" style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"><span style="color:#000000;white-space:pre-wrap;font-weight:bold;min-width:fit-content;">Total</span></p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"><span style="white-space:pre-wrap;min-width:fit-content;"> </span></p></td> </tr> <tr style="height:10pt;background-color:#cff0fc;white-space:pre-wrap;word-break:break-word;"> <td style="vertical-align:top;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"><span style="color:#000000;white-space:pre-wrap;font-
```

weight:bold;min-width:fit-content;">Second quarter ended June 30, 2024</p></td> <td style="vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td colspan="2" style="vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td colspan="2" style="vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td colspan="2" style="vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> </tr> <tr style="height:10pt;background-color:#ffffff;white-space:pre-wrap;word-break:break-word;"> <td style="vertical-align:top;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">Sales: </p></td> <td style="vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td colspan="2" style="vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td colspan="2" style="vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td colspan="2" style="vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> </tr> <tr style="height:10pt;background-color:#cff0fc;word-break:break-word;"> <td style="text-indent:10pt;white-space:pre-wrap;vertical-align:top;"><p style="margin-left:10pt;text-indent:0;font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">Third-party sales</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">$</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">1,010</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">$</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">1,895</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">$</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">2,905</p></td> <td style="white-space:nowrap;vertical-

align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> </tr> <tr style="height:10pt;background-color:#ffffff;word-break:break-word;"> <td style="text-indent:10pt;white-space:pre-wrap;vertical-align:top;border-bottom:0.5pt solid #000000;"><p style="margin-left:10pt;text-indent:0;font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">Intersegment sales</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">457</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">3</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">460</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> </tr> <tr style="height:10pt;background-color:#cff0fc;word-break:break-word;"> <td style="text-indent:20pt;white-space:pre-wrap;vertical-align:top;border-bottom:0.5pt solid #000000;"><p style="margin-left:20pt;text-indent:0;font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">Total sales</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">$</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">1,467</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">$</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">1,898</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">$</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">3,365</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> </tr> <tr style="height:10pt;background-color:#ffffff;word-break:break-word;"> <td style="white-space:pre-wrap;vertical-

Segment Adjusted EBITDA			$	186	$	233	$	419	
Supplemental information:							
Depreciation, depletion, and amortization			$	90		$

			$	158	
Equity income		$	2	$	21	$	23	

Second quarter ended June 30, 2023

content;">Sales:</p></td> <td style="vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td colspan="2" style="vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td colspan="2" style="vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td colspan="2" style="vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> </tr> <tr style="height:10pt;background-color:#ffffff;word-break:break-word;"> <td style="text-indent:10pt;white-space:pre-wrap;vertical-align:top;"><p style="margin-left:10pt;text-indent:0;font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">Third-party sales</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">$</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">894</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">$</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">1,788</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">$</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">2,682</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> </tr> <tr style="height:10pt;background-color:#cff0fc;word-break:break-word;"> <td style="text-indent:10pt;white-space:pre-wrap;vertical-align:top;border-bottom:0.5pt solid #000000;"><p style="margin-left:10pt;text-indent:0;font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">Intersegment sales</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">397</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid

#000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">4</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">401</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> </tr> <tr style="height:10pt;background-color:#ffffff;word-break:break-word;"> <td style="text-indent:20pt;white-space:pre-wrap;vertical-align:top;border-bottom:0.5pt solid #000000;"><p style="margin-left:20pt;text-indent:0;font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">Total sales</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">$</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">1,291</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">$</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">1,792</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">$</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">3,083</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> </tr> <tr style="height:10pt;background-color:#cff0fc;word-break:break-word;"> <td style="white-space:pre-wrap;vertical-align:top;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">Segment Adjusted EBITDA</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">$</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">33</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">$</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">110</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-

align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">$</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">143</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> </tr> <tr style="height:10pt;background-color:#ffffff;white-space:pre-wrap;word-break:break-word;"> <td style="vertical-align:top;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">Supplemental information:</p></td> <td style="vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td colspan="2" style="vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td colspan="2" style="vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td colspan="2" style="vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> </tr> <tr style="height:10pt;background-color:#cff0fc;word-break:break-word;"> <td style="text-indent:10pt;white-space:pre-wrap;vertical-align:top;"><p style="margin-left:10pt;text-indent:0;font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">Depreciation, depletion, and amortization</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">$</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">80</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">$</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">68</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">$</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">148</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> </tr> <tr style="height:10pt;background-color:#ffffff;word-break:break-word;"> <td style="text-indent:10pt;white-space:pre-wrap;vertical-align:top;border-bottom:0.5pt solid #000000;"><p style="margin-left:10pt;text-indent:0;font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">Equity loss</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">$</p>

(11)

)

$

(16)

)

$

(27)

)

	Alumina		Aluminum		Total	

Six months ended June 30, 2024

family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td colspan="2" style="vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td colspan="2" style="vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> </tr> <tr style="height:10pt;background-color:#ffffff;white-space:pre-wrap;word-break:break-word;"> <td style="vertical-align:top;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">Sales: </p></td> <td style="vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td colspan="2" style="vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td colspan="2" style="vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td colspan="2" style="vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> </tr> <tr style="height:10pt;background-color:#cff0fc;word-break:break-word;"> <td style="text-indent:10pt;white-space:pre-wrap;vertical-align:top;"><p style="margin-left:10pt;text-indent:0;font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">Third-party sales</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">$</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">1,971</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">$</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">3,533</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">$</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">5,504</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> </tr> <tr style="height:10pt;background-color:#ffffff;word-break:break-word;"> <td style="text-indent:10pt;white-space:pre-wrap;vertical-align:top;border-bottom:0.5pt solid #000000;"><p style="margin-left:10pt;text-indent:0;font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">Intersegment sales</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"><span style="white-space:pre-wrap;min-width:fit-

content;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">852</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">7</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">859</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> </tr> <tr style="height:10pt;background-color:#cff0fc;word-break:break-word;"> <td style="text-indent:20pt;white-space:pre-wrap;vertical-align:top;border-bottom:0.5pt solid #000000;"><p style="margin-left:20pt;text-indent:0;font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">Total sales</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">$</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">2,823</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">$</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">3,540</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">$</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">6,363</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> </tr> <tr style="height:10pt;background-color:#ffffff;word-break:break-word;"> <td style="white-space:pre-wrap;vertical-align:top;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">Segment Adjusted EBITDA</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New

Roman;margin-bottom:0;text-align:left;">$</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">325</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">$</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">283</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">$</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">608</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> </tr> <tr style="height:10pt;background-color:#cff0fc;white-space:pre-wrap;word-break:break-word;"> <td style="vertical-align:top;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">Supplemental information:</p></td> <td style="vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td colspan="2" style="vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td colspan="2" style="vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td colspan="2" style="vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> </tr> <tr style="height:10pt;background-color:#ffffff;word-break:break-word;"> <td style="text-indent:10pt;white-space:pre-wrap;vertical-align:top;"><p style="margin-left:10pt;text-indent:0;font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">Depreciation, depletion, and amortization</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">$</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">177</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">$</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">136</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">$</p></td> <td style="white-

space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">313</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> </tr> <tr style="height:10pt;background-color:#cff0fc;word-break:break-word;"> <td style="text-indent:10pt;white-space:pre-wrap;vertical-align:top;border-bottom:0.5pt solid #000000;"><p style="margin-left:10pt;text-indent:0;font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">Equity (loss) income</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">$</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">(9</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">)</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">$</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">23</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">$</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">14</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> </tr> <tr style="height:10pt;background-color:#ffffff;white-space:pre-wrap;word-break:break-word;"> <td style="vertical-align:top;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">Six months ended June 30, 2023</p></td> <td style="vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td colspan="2" style="vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td colspan="2" style="vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td colspan="2" style="vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> </tr> <tr style="height:10pt;background-color:#cff0fc;white-space:pre-wrap;word-break:break-word;"> <td style="vertical-align:top;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">Sales:</p></td> <td style="vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td colspan="2" style="vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="vertical-align:bottom;text-align:center;">

Third-party sales			$	1,751			$	3,598			$	5,349	
Intersegment sales				818				7					

#000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">825</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> </tr> <tr style="height:10pt;background-color:#ffffff;word-break:break-word;"> <td style="text-indent:20pt;white-space:pre-wrap;vertical-align:top;border-bottom:0.5pt solid #000000;"><p style="margin-left:20pt;text-indent:0;font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">Total sales</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">$</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">2,569</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">$</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">3,605</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">$</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">6,174</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> </tr> <tr style="height:10pt;background-color:#cff0fc;word-break:break-word;"> <td style="white-space:pre-wrap;vertical-align:top;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">Segment Adjusted EBITDA</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">$</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">136</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">$</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">294</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">$</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">430</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> </tr> <tr style="height:10pt;background-

color:#ffffff;white-space:pre-wrap;word-break:break-word;"> <td style="vertical-align:top;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">Supplemental information:</p> </td> <td style="vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td colspan="2" style="vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td colspan="2" style="vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td colspan="2" style="vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> </tr> <tr style="height:10pt;background-color:#cff0fc;word-break:break-word;"> <td style="text-indent:10pt;white-space:pre-wrap;vertical-align:top;"><p style="margin-left:10pt;text-indent:0;font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">Depreciation, depletion, and amortization</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">$</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">157</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">$</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">138</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">$</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">295</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> </tr> <tr style="height:10pt;background-color:#ffffff;word-break:break-word;"> <td style="text-indent:10pt;white-space:pre-wrap;vertical-align:top;border-bottom:0.5pt solid #000000;"><p style="margin-left:10pt;text-indent:0;font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">Equity loss</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">$</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">(28</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">)</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-

align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">$</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">(73</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">)</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">$</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">(101</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">)</p></td> </tr> </table>1010000000189500000029050000045700000030000004600000014670000018980000033650000001110000000-16000000-270000001971000000353300000055040000008520000070000008590000002823000000354000000063630000009000000023000000140000001751000000359800000053490000008180000070000008250000025690000003605000028000000-73000000-101000000<p style="font-size:10pt;margin-top:9pt;font-family:Times New Roman;margin-bottom:6pt;text-align:left;">The following table reconciles Total Segment Adjusted EBITDA to Consolidated net income (loss) attributable to Alcoa Corporation:</p> <table style="margin-left:auto;border-spacing:0;table-layout:fixed;width:100.0%;border-collapse:separate;margin-right:auto;"> <tr style="visibility:collapse;"> <td style="width:50%;"></td> <td style="width:1.3%;"></td> <td style="width:1%;"></td> <td style="width:9.200000000000001%;"></td> <td style="width:1%;"></td> <td style="width:1.3%;"></td> <td style="width:1%;"></td> <td style="width:9.200000000000001%;"></td> <td style="width:1%;"></td> <td style="width:1.3%;"></td> <td style="width:1%;"></td> <td style="width:9.200000000000001%;"></td> <td style="width:1%;"></td> <td style="width:1.3%;"></td> <td style="width:1%;"></td> <td style="width:9.200000000000001%;"></td> <td style="width:1%;"></td> </tr> <tr style="height:9pt;background-color:#ffffff;white-space:pre-wrap;word-break:break-word;"> <td style="vertical-align:bottom;text-align:left;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"> </p></td> <td style="vertical-align:bottom;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td colspan="6" style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;">Second quarter ended
June 30,</p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"> </p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #ffffff03;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td colspan="6" style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;">Six months ended
June 30,</p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"> </p></td> </tr> <tr style="height:9pt;background-color:#ffffff;white-space:pre-wrap;word-break:break-word;"> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"> </p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td colspan="2" style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;">2024</p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"> </p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td colspan="2" style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;">2023</p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"> </p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td colspan="2" style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:9pt;margin-top:0;font-

```
family:Times New Roman;margin-bottom:0;text-align:center;"><span style="color:#000000;white-space:pre-wrap;font-weight:bold;min-width:fit-content;">2024</span></p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"><span style="white-space:pre-wrap;min-width:fit-content;"> </span></p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"><span style="white-space:pre-wrap;min-width:fit-content;"> </span></p></td> <td colspan="2" style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"><span style="color:#000000;white-space:pre-wrap;font-weight:bold;min-width:fit-content;">2023</span></p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"><span style="white-space:pre-wrap;min-width:fit-content;"> </span></p></td> </tr> <tr style="height:10pt;background-color:#cff0fc;word-break:break-word;"> <td style="white-space:pre-wrap;vertical-align:top;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"><span style="color:#000000;white-space:pre-wrap;min-width:fit-content;">Total Segment Adjusted EBITDA</span></p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"><span style="white-space:pre-wrap;min-width:fit-content;"> </span></p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"><span style="color:#000000;min-width:fit-content;">$</span></p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"><span style="color:#000000;white-space:pre-wrap;min-width:fit-content;">419</span></p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"><span style="min-width:fit-content;"> </span></p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"><span style="white-space:pre-wrap;min-width:fit-content;"> </span></p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"><span style="color:#000000;min-width:fit-content;">$</span></p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"><span style="color:#000000;white-space:pre-wrap;min-width:fit-content;">143</span></p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"><span style="min-width:fit-content;"> </span></p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"><span style="white-space:pre-wrap;min-width:fit-content;"> </span></p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"><span style="color:#000000;min-width:fit-content;">$</span></p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"><span style="color:#000000;white-space:pre-wrap;min-width:fit-content;">608</span></p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"><span style="min-width:fit-content;"> </span></p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"><span style="white-space:pre-wrap;min-width:fit-content;"> </span></p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"><span style="color:#000000;min-width:fit-content;">$</span></p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"><span style="color:#000000;white-space:pre-wrap;min-width:fit-content;">430</span></p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"><span style="min-width:fit-content;"> </span></p></td> </tr> <tr style="height:10pt;background-color:#ffffff;white-space:pre-wrap;word-break:break-word;"> <td style="vertical-align:top;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"><span style="color:#000000;white-space:pre-wrap;min-width:fit-content;">Unallocated amounts:</span></p></td> <td style="vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"><span style="white-space:pre-wrap;min-width:fit-content;"> </span></p></td> <td colspan="2" style="vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"><span style="white-space:pre-wrap;min-width:fit-content;"> </span></p></td> <td style="vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"><span style="white-space:pre-wrap;min-width:fit-content;"> </span></p></td> <td style="vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"><span style="white-space:pre-wrap;min-width:fit-content;"> </span></p></td> <td colspan="2" style="vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"><span style="white-space:pre-wrap;min-width:fit-content;"> </span></p></td> <td style="vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"><span style="white-space:pre-wrap;min-width:fit-content;"> </span></p></td> <td style="vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"><span style="white-space:pre-wrap;min-width:fit-content;"> </span></p></td> <td colspan="2" style="vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"><span style="white-space:pre-wrap;min-width:fit-content;"> </span></p></td> <td style="vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"><span style="white-space:pre-wrap;min-width:fit-content;"> </span></p></td> <td style="vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"><span style="white-space:pre-wrap;min-width:fit-content;"> </span></p></td> <td colspan="2" style="vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-
```

align:right;"> </p></td> <td style="vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> </tr> <tr style="height:10pt;background-color:#cff0fc;word-break:break-word;"> <td style="text-indent:10pt;white-space:pre-wrap;vertical-align:top;"><p style="margin-left:10pt;text-indent:0;font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">Transformation(1)</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">(16</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">)</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">(17</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">)</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">(30</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">)</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">(25</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">)</p></td> </tr> <tr style="height:10pt;background-color:#ffffff;word-break:break-word;"> <td style="text-indent:10pt;white-space:pre-wrap;vertical-align:top;"><p style="margin-left:10pt;text-indent:0;font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">Intersegment eliminations</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">(29</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">)</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">31</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">(<span

style="color:#000000;white-space:pre-wrap;min-width:fit-content;">37</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">)</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">23</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> </tr> <tr style="height:10pt;background-color:#cff0fc;word-break:break-word;"> <td style="text-indent:10pt;white-space:pre-wrap;vertical-align:top;"><p style="margin-left:10pt;text-indent:0;font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">Corporate expenses(2)</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">(41</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">)</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">(24</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">)</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">(75</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">)</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">(54</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">)</p></td> </tr> <tr style="height:10pt;background-color:#ffffff;word-break:break-word;"> <td style="text-indent:10pt;white-space:pre-wrap;vertical-align:top;"><p style="margin-left:10pt;text-indent:0;font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">Provision for depreciation, depletion, and amortization</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">(163</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">)</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">(<span

style="color:#000000;white-space:pre-wrap;min-width:fit-content;">153</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">)</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">(324</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">)</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">(306</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">)</p></td> </tr> <tr style="height:10pt;background-color:#cff0fc;word-break:break-word;"> <td style="text-indent:10pt;white-space:pre-wrap;vertical-align:top;"><p style="margin-left:10pt;text-indent:0;font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">Restructuring and other charges, net (D)</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">(18</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">)</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">(24</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">)</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">(220</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">)</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">(173</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">)</p></td> </tr> <tr style="height:10pt;background-color:#ffffff;word-break:break-word;"> <td style="text-indent:10pt;white-space:pre-wrap;vertical-align:top;"><p style="margin-left:10pt;text-indent:0;font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">Interest expense</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">(<span

style="color:#000000;white-space:pre-wrap;min-width:fit-content;">40</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">)</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">(27</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">)</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">(67</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">)</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">(53</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">)</p></td> </tr> <tr style="height:10pt;background-color:#cff0fc;word-break:break-word;"> <td style="text-indent:10pt;white-space:pre-wrap;vertical-align:top;"><p style="margin-left:10pt;text-indent:0;font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">Other income (expenses), net (P)</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">22</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">(6</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">)</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">(37</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">)</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">(60</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">)</p></td> </tr> <tr style="height:10pt;background-color:#ffffff;word-break:break-word;"> <td style="text-indent:10pt;white-space:pre-wrap;vertical-align:top;border-bottom:0.5pt solid #000000;"><p style="margin-

left:10pt;text-indent:0;font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">Other(3)</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">(42</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">)</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">(22</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">)</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">(51</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">)</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">(61</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">)</p></td> </tr> <tr style="height:10pt;background-color:#cff0fc;word-break:break-word;"> <td style="white-space:pre-wrap;vertical-align:top;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">Consolidated income (loss) before income taxes</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">92</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">(99</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">)</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">(233</p></td> <td style="white-

space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">)</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">(279</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">)</p></td> </tr> <tr style="height:10pt;background-color:#ffffff;word-break:break-word;"> <td style="text-indent:10pt;white-space:pre-wrap;vertical-align:top;"><p style="margin-left:10pt;text-indent:0;font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">Provision for income taxes</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">(61</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">)</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">(22</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">)</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">(43</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">)</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">(74</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">)</p></td> </tr> <tr style="height:10pt;background-color:#cff0fc;word-break:break-word;"> <td style="text-indent:10pt;white-space:pre-wrap;vertical-align:top;border-bottom:0.5pt solid #000000;"><p style="margin-left:10pt;text-indent:0;font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">Net (income) loss attributable to noncontrolling interest</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">(11</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">)</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-

family:Times New Roman;margin-bottom:0;text-align:right;">19</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">44</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">20</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> </tr> <tr style="height:10pt;background-color:#ffffff;word-break:break-word;"> <td style="white-space:pre-wrap;vertical-align:top;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">Consolidated net income (loss) attributable to Alcoa Corporation</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">$</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">20</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">$</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">(102</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">)</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">$</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">(232</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">)</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">$</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">(333</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">)</p></td> </tr> </table><p style="text-indent:-4.749%;padding-left:4.533%;font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p><div class="item-list-element-wrapper" style="display:flex;margin-top:0;justify-content:flex-start;align-items:baseline;margin-bottom:0;min-width:2.269%;text-align:left;"><span style="transform:scale(0.67);color:#000000;white-space:pre-wrap;vertical-align:super;font-size:10pt;font-

family:Times New Roman;transform-origin:top left;min-width:2.269%;display:inline-flex;justify-content:flex-start;">(1)<div style="width:100%;display:inline;">Transformation includes, among other items, the Adjusted EBITDA of previously closed operations.</div></div><div class="item-list-element-wrapper" style="display:flex;margin-top:0;justify-content:flex-start;align-items:baseline;margin-bottom:0;min-width:2.269%;text-align:left;">(2)<div style="width:100%;display:inline;">Corporate expenses are composed of general administrative and other expenses of operating the corporate headquarters and other global administrative facilities, as well as research and development expenses of the corporate technical center. </div></div><div class="item-list-element-wrapper" style="display:flex;margin-top:0;justify-content:flex-start;align-items:baseline;margin-bottom:0;min-width:2.269%;text-align:left;">(3)<div style="width:100%;display:inline;">Other includes certain items that are not included in the Adjusted EBITDA of the reportable segments.</div>
</div>41900000014300000060800000043000000016000000170000003000000025000000290000003100000037000000-230000004100000024000000750000005400000016300000015300000032400000030600000018000000024000000026000000-37000000-600000004200000022000000510000006100000092000000-99000000-233000000-27900000061000000220000004300000074000000110000000-19000000-44000000-20000000020000000-102000000-232000000-333000000<p style="font-size:10pt;margin-top:9pt;font-family:Times New Roman;margin-bottom:0;text-align:left;">The following table details Alcoa Corporation's Sales by product division:</p><p style="text-indent:-4.749%;padding-left:4.533%;font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p> <table style="margin-left:auto;border-spacing:0;table-layout:fixed;width:100.0%;border-collapse:separate;margin-right:auto;"> <tr style="visibility:collapse;"> <td style="width:37.187%;"></td> <td style="width:1.44%;"></td> <td style="width:1%;"></td> <td style="width:12.262%;"></td> <td style="width:1%;"></td> <td style="width:1.44%;"></td> <td style="width:1%;"></td> <td style="width:12.262%;"></td> <td style="width:1%;"></td> <td style="width:1.44%;"></td> <td style="width:1%;"></td> <td style="width:12.262%;"></td> <td style="width:1%;"></td> <td style="width:1.44%;"></td> <td style="width:1%;"></td> <td style="width:12.262%;"></td> <td style="width:1%;"></td> </tr> <tr style="height:9pt;background-color:#ffffff;white-space:pre-wrap;word-break:break-word;"> <td style="vertical-align:bottom;text-align:left;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"> </p></td> <td style="vertical-align:bottom;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td colspan="6" style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;">Second quarter ended
June 30,</p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"> </p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #ffffff03;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td colspan="6" style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;">Six months ended
June 30,</p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"> </p></td> </tr> <tr style="height:9pt;background-color:#ffffff;white-space:pre-wrap;word-break:break-word;"> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"> </p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td colspan="2" style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;">2024</p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"> </p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td colspan="2" style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;">2023</p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"> </p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td colspan="2" style="vertical-

	2024			2023	
Aluminum		$	1,934		$	1,824
Alumina			904			774

(continued)

Additional columns for Aluminum: $ 3,595 and $ 3,670

	1,794				1,488
Energy		29	26	62	54
Bauxite		96	109		

align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">157</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">236</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> </tr> <tr style="height:10pt;background-color:#cff0fc;word-break:break-word;"> <td style="white-space:pre-wrap;vertical-align:top;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">Other(1)</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">(57</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">)</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">(49</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">)</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">(103</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">)</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">(94</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">)</p></td> </tr> <tr style="height:10pt;background-color:#ffffff;word-break:break-word;"> <td style="white-space:pre-wrap;vertical-align:top;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">$</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">2,906</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New

Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">$</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">2,684</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">$</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">5,505</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">$</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">5,354</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> </tr> <tr style="background-color:#ffffff;white-space:pre-wrap;word-break:break-word;"> <td style="vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td colspan="2" style="vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td colspan="2" style="vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td colspan="2" style="vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td colspan="2" style="vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> </tr> </table><div class="item-list-element-wrapper" style="display:flex;margin-top:0;justify-content:flex-start;align-items:baseline;margin-bottom:0;min-width:2.269%;text-align:left;">(1)<div style="width:100%;display:inline;">Other includes realized gains and losses related to embedded derivative instruments designated as cash flow hedges of forward sales of aluminum.</div></div>1934000000182400000035950000003670000009040000007740000017940000014880000002900000020000057000000-49000000-103000000-94000000290600000026840000005505000005354000000<p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">F. Earnings Per Share – Basic earnings per share (EPS) amounts are computed by dividing earnings by the average number of common shares outstanding. Diluted EPS amounts assume the issuance of common stock for all potentially dilutive share equivalents outstanding. </p><div style="font-size:10pt;font-family:Times New Roman;"><p style="font-size:10pt;margin-top:9pt;font-family:Times New Roman;margin-bottom:0;text-align:left;"><span style="color:#000000;white-space:pre-wrap;font-size:10pt;font-family:Times New Roman;min-width:fit-

The share information used to compute basic and diluted EPS attributable to Alcoa Corporation common shareholders was as follows (shares in millions):

	Second quarter ended June 30,			Six months ended June 30,		
	2024		2023		2024	2023
Net income (loss) attributable to Alcoa Corporation	$					

content;">20</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">$</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">(102</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">)</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">$</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">(232</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">)</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">$</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">(333</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">)</p></td> </tr> <tr style="height:10pt;background-color:#ffffff;word-break:break-word;"> <td style="white-space:pre-wrap;vertical-align:top;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">Average shares outstanding – basic</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">180</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">178</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">179</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">178</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> </tr> <tr style="height:10pt;background-color:#cff0fc;white-space:pre-wrap;word-break:break-word;"> <td style="vertical-align:top;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"><span style="color:#000000;white-space:pre-

wrap;min-width:fit-content;">Effect of dilutive securities:</p></td> <td style="vertical-align:bottom;"> <p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td colspan="2" style="vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td colspan="2" style="vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td colspan="2" style="vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td colspan="2" style="vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> </tr> <tr style="height:10pt;background-color:#ffffff;word-break:break-word;"> <td style="text-indent:10pt;white-space:pre-wrap;vertical-align:top;"><p style="margin-left:10pt;text-indent:0;font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">Stock options</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">—</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">—</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">—</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">—</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> </tr> <tr style="height:10pt;background-color:#cff0fc;word-break:break-word;"> <td style="text-indent:10pt;white-space:pre-wrap;vertical-align:top;border-bottom:0.5pt solid #000000;"><p style="margin-left:10pt;text-indent:0;font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">Stock units</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">1</p></td> <td style="white-

space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">—</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">—</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">—</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> </tr> <tr style="height:10pt;background-color:#ffffff;word-break:break-word;"> <td style="white-space:pre-wrap;vertical-align:top;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">Average shares outstanding – diluted</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">181</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">178</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">179</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">178</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> </tr>

In the six-month period of 2024, basic average shares outstanding and diluted average shares outstanding were the same because the effect of potential shares of common stock was anti-dilutive. Had Alcoa generated net income in the six-month period of 2024, two million common share equivalents related to three million outstanding stock units and stock options combined would have been included in diluted average shares outstanding for the period.

In the second quarter and six-month period of 2023, basic average shares outstanding and diluted average shares outstanding were the same because the effect of potential shares of common stock was anti-dilutive. Had Alcoa generated net income in the second quarter or six-month period of 2023, two million and three million common share equivalents, respectively, related to three million outstanding stock units and stock options combined would have been included in diluted average shares outstanding for the periods.

The share information used to compute basic and diluted EPS attributable to Alcoa Corporation common shareholders was as follows (shares in millions):

	Second quarter ended June 30,		2024		Six months ended June 30,		

	2024	2023	2024	2023
Net income (loss) attributable to Alcoa Corporation	$ 20	$ (102)	$ (232)	$ (333)
Average shares outstanding – basic		180		

style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">178</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">179</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">178</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> </tr> <tr style="height:10pt;background-color:#cff0fc;white-space:pre-wrap;word-break:break-word;"> <td style="vertical-align:top;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">Effect of dilutive securities:</p></td> <td style="vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td colspan="2" style="vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td colspan="2" style="vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td colspan="2" style="vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td colspan="2" style="vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> </tr> <tr style="height:10pt;background-color:#ffffff;word-break:break-word;"> <td style="text-indent:10pt;white-space:pre-wrap;vertical-align:top;"><p style="margin-left:10pt;text-indent:0;font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">Stock options</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">—</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">—</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times

New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">—</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">—</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> </tr> <tr style="height:10pt;background-color:#cff0fc;word-break:break-word;"> <td style="text-indent:10pt;white-space:pre-wrap;vertical-align:top;border-bottom:0.5pt solid #000000;"><p style="margin-left:10pt;text-indent:0;font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">Stock units</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">1</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">—</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">—</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> </tr> <tr style="height:10pt;background-color:#ffffff;word-break:break-word;"> <td style="white-space:pre-wrap;vertical-align:top;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">Average shares outstanding - diluted</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">181</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td

style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">178</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">179</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">178</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> </tr> </table>20000000-102000000-232000000-333000000180000000178000000179000000178000000100000181000000178000000179000000178000002000000 style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">G. Accumulated Other Comprehensive Loss</p><div style="font-size:10pt;font-family:Times New Roman;"><p style="font-size:10pt;margin-top:6pt;font-family:Times New Roman;margin-bottom:0;text-align:left;">The following table details the activity of the three components that comprise Accumulated other comprehensive loss for both Alcoa Corporation's shareholders and Noncontrolling interest:</p><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p> <table style="margin-left:auto;border-spacing:0;table-layout:fixed;width:100.0%;border-collapse:separate;margin-right:auto;"> <tr style="visibility:collapse;"> <td style="width:50%;"></td> <td style="width:1.3%;"></td> <td style="width:1%;"></td> <td style="width:9.200000000000001%;"></td> <td style="width:1%;"></td> <td style="width:1.3%;"></td> <td style="width:1%;"></td> <td style="width:9.200000000000001%;"></td> <td style="width:1%;"></td> <td style="width:1.3%;"></td> <td style="width:1%;"></td> <td style="width:9.200000000000001%;"></td> <td style="width:1%;"></td> <td style="width:1.3%;"></td> <td style="width:1%;"></td> <td style="width:9.200000000000001%;"></td> <td style="width:1%;"></td> </tr> <tr style="height:9pt;background-color:#ffffff;white-space:pre-wrap;word-break:break-word;"> <td style="vertical-align:bottom;text-align:left;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"> </p></td> <td style="vertical-align:bottom;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td colspan="6" style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;">Alcoa Corporation</p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"> </p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #ffffff03;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td colspan="6" style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;">Noncontrolling interest</p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"> </p></td> </tr> <tr style="height:9pt;background-color:#ffffff;white-space:pre-wrap;word-break:break-word;"> <td style="vertical-align:bottom;text-align:left;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"> </p></td> <td style="vertical-align:bottom;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td colspan="6" style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;">Second quarter ended
June 30,</p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:9pt;margin-top:0;font-family:Times New

Roman;margin-bottom:0;text-align:center;"> </p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #ffffff03;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td colspan="6" style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;">Second quarter ended
June 30,</p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"> </p></td> </tr> <tr style="height:9pt;background-color:#ffffff;white-space:pre-wrap;word-break:break-word;"> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"> </p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td colspan="2" style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;">2024</p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"> </p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td colspan="2" style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;">2023</p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"> </p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td colspan="2" style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;">2024</p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"> </p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td colspan="2" style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;">2023</p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"> </p></td> </tr> <tr style="height:10pt;background-color:#cff0fc;white-space:pre-wrap;word-break:break-word;"> <td style="vertical-align:top;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">Pension and other postretirement benefits (L)</p></td> <td style="vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td colspan="2" style="vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td colspan="2" style="vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td colspan="2" style="vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td colspan="2" style="vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> </tr> <tr style="height:10pt;background-color:#ffffff;word-break:break-word;"> <td style="white-space:pre-wrap;vertical-align:top;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">Balance at beginning of period</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-

align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">$</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">9</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">$</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">66</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">$</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">(14</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">)</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">$</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">(5</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">)</p></td> </tr> <tr style="height:10pt;background-color:#cff0fc;white-space:pre-wrap;word-break:break-word;"> <td style="vertical-align:top;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">Other comprehensive income (loss):</p></td> <td style="vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td colspan="2" style="vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td colspan="2" style="vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td colspan="2" style="vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td colspan="2" style="vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> </tr> <tr style="height:10pt;background-color:#ffffff;word-break:break-word;"> <td style="text-indent:10pt;white-space:pre-wrap;vertical-align:top;"><p style="margin-left:10pt;text-indent:0;font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">Unrecognized net actuarial gain/loss and
   prior service cost/benefit</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">10</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times

New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">(18</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">)</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">7</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">(2</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">)</p></td> </tr> <tr style="height:10pt;background-color:#cff0fc;word-break:break-word;"> <td style="text-indent:10pt;white-space:pre-wrap;vertical-align:top;border-bottom:0.5pt solid #000000;"><p style="margin-left:10pt;text-indent:0;font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">Tax (expense) benefit(2)</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">(2</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">)</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">8</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">(2</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">)</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">—</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> </tr> <tr

style="height:10pt;background-color:#ffffff;word-break:break-word;"> <td style="text-indent:20pt;white-space:pre-wrap;vertical-align:top;border-bottom:0.5pt solid #000000;"><p style="margin-left:20pt;text-indent:0;font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">Total Other comprehensive income (loss)
   before reclassifications, net of tax</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">8</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">(10</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">)</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">5</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">(2</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">)</p></td> </tr> <tr style="height:10pt;background-color:#cff0fc;word-break:break-word;"> <td style="text-indent:10pt;white-space:pre-wrap;vertical-align:top;"><p style="margin-left:10pt;text-indent:0;font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">Amortization of net actuarial gain/loss and
   prior service cost/benefit(1)</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">5</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">26</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">—</p></td>

			—	

Tax expense(2)			—				(6)				—			—	
Total amount reclassified from Accumulated other comprehensive loss, net of tax(7)			5			

	20			—				—	
Total Other comprehensive income (loss)			13			10		5	(2)
Balance at end of period		

family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">$</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">22</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">$</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">76</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">$</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">(9</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">)</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">$</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">(7</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">)</p></td> </tr> <tr style="background-color:#ffffff;white-space:pre-wrap;word-break:break-word;"> <td style="vertical-align:top;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td colspan="2" style="vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td colspan="2" style="vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td colspan="2" style="vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td colspan="2" style="vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> </tr> <tr style="height:10pt;background-color:#ffffff;white-space:pre-wrap;word-break:break-word;"> <td style="vertical-align:top;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">Foreign currency translation</p></td> <td style="vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td colspan="2" style="vertical-align:bottom;"><p style="font-size:10pt;margin-

Balance at beginning of period $ (2,715) $ (2,683) $ 1,037 $ 1,025

Other comprehensive (loss) income ... (60

)			25				(16)			(11)	
Balance at end of period		$	(2,775)		$	(2,658)			$	(1,053)	$

align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">(1,014</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">)</p></td> </tr> <tr style="background-color:#ffffff;white-space:pre-wrap;word-break:break-word;"> <td style="vertical-align:top;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td colspan="2" style="vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td colspan="2" style="vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td colspan="2" style="vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td colspan="2" style="vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> </tr> <tr style="height:10pt;background-color:#ffffff;white-space:pre-wrap;word-break:break-word;"> <td style="vertical-align:top;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">Cash flow hedges (M)</p></td> <td style="vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td colspan="2" style="vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td colspan="2" style="vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td colspan="2" style="vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td colspan="2" style="vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> </tr> <tr style="height:10pt;background-color:#cff0fc;word-break:break-word;"> <td style="white-space:pre-wrap;vertical-align:top;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">Balance at beginning of period</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">$</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">(922</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">)</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-

$ (1,038) $ — $ 1

Other comprehensive (loss) income:

Net change from periodic revaluations (153) 241

		—						—
Tax benefit (expense)(2)		31			(38)		—	—
Total Other comprehensive (loss) income before reclassifications, net of tax		(122						

#000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">)</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">203</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">—</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">—</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> </tr> <tr style="height:10pt;background-color:#ffffff;white-space:pre-wrap;word-break:break-word;"> <td style="text-indent:10pt;vertical-align:top;"><p style="margin-left:10pt;text-indent:0;font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">Net amount reclassified to earnings:</p></td> <td style="vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td colspan="2" style="vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td colspan="2" style="vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td colspan="2" style="vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td colspan="2" style="vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> </tr> <tr style="height:10pt;background-color:#cff0fc;word-break:break-word;"> <td style="text-indent:20pt;white-space:pre-wrap;vertical-align:top;"><p style="margin-left:20pt;text-indent:0;font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">Aluminum contracts(3)</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">75</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-

align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">33</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">—</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">—</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> </tr> <tr style="height:10pt;background-color:#ffffff;word-break:break-word;"> <td style="text-indent:20pt;white-space:pre-wrap;vertical-align:top;"><p style="margin-left:20pt;text-indent:0;font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">Financial contracts(4)</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">—</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">—</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">—</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">—</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> </tr> <tr style="height:10pt;background-color:#cff0fc;word-break:break-word;"> <td style="text-indent:20pt;white-space:pre-wrap;vertical-align:top;"><p style="margin-left:20pt;text-indent:0;font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">Interest rate contracts(5)</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">(1</p></td> <td style="white-

space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">)</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">(3</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">)</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">(1</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">)</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">—</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> </tr> <tr style="height:10pt;background-color:#ffffff;word-break:break-word;"> <td style="text-indent:20pt;white-space:pre-wrap;vertical-align:top;border-bottom:0.5pt solid #000000;"><p style="margin-left:20pt;text-indent:0;font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">Foreign exchange contracts(6)</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">—</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">(3</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">)</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">—</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">—</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> </tr> <tr

style="height:10pt;background-color:#cff0fc;word-break:break-word;"> <td style="text-indent:30pt;white-space:pre-wrap;vertical-align:top;"><p style="margin-left:30pt;text-indent:0;font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">Sub-total</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">74</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">27</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">(1</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">)</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">—</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> </tr> <tr style="height:10pt;background-color:#ffffff;word-break:break-word;"> <td style="text-indent:30pt;white-space:pre-wrap;vertical-align:top;border-bottom:0.5pt solid #000000;"><p style="margin-left:30pt;text-indent:0;font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">Tax expense(2)</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">(14</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">)</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">(4</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">)</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">—</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-

wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">—</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> </tr> <tr style="height:10pt;background-color:#cff0fc;word-break:break-word;"> <td style="text-indent:40pt;white-space:pre-wrap;vertical-align:top;border-bottom:0.5pt solid #000000;"><p style="margin-left:40pt;text-indent:0;font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">Total amount reclassified from Accumulated
    other comprehensive loss, net of tax(7)</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">60</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">23</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">(1</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">)</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">—</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> </tr> <tr style="height:10pt;background-color:#ffffff;word-break:break-word;"> <td style="white-space:pre-wrap;vertical-align:top;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">Total Other comprehensive (loss) income</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">(62</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">)</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-

		226				(	1	)			—	
Balance at end of period		$	(	984	)		$	(	812	)		$

Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td colspan="2" style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td colspan="2" style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td colspan="2" style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td colspan="2" style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> </tr> <tr style="height:10pt;background-color:#ffffff;word-break:break-word;"> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">Total Accumulated other comprehensive loss</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">$</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">(3,737</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">)</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">$</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">(3,394</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">)</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">$</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">(1,063</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">)</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">$</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">(<span style="color:#000000;white-space:pre-wrap;min-width:fit-

content;">1,020</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">)</p></td> </tr> </table><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p><table style="margin-left:auto;border-spacing:0;table-layout:fixed;width:100.0%;border-collapse:separate;margin-right:auto;"> <tr style="visibility:collapse;"> <td style="width:50%;"></td> <td style="width:1.3%;"></td> <td style="width:1%;"></td> <td style="width:9.200000000000001%;"></td> <td style="width:1%;"></td> <td style="width:1.3%;"></td> <td style="width:1%;"></td> <td style="width:9.200000000000001%;"></td> <td style="width:1%;"></td> <td style="width:1.3%;"></td> <td style="width:1%;"></td> <td style="width:9.200000000000001%;"></td> <td style="width:1%;"></td> <td style="width:1.3%;"></td> <td style="width:1%;"></td> <td style="width:9.200000000000001%;"></td> <td style="width:1%;"></td> </tr> <tr style="height:9pt;background-color:#ffffff;white-space:pre-wrap;word-break:break-word;"> <td style="vertical-align:bottom;text-align:left;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"> </p></td> <td style="vertical-align:bottom;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td colspan="6" style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;">Alcoa Corporation</p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"> </p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #ffffff03;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td colspan="6" style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;">Noncontrolling interest</p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"> </p></td> </tr> <tr style="height:9pt;background-color:#ffffff;white-space:pre-wrap;word-break:break-word;"> <td style="vertical-align:bottom;text-align:left;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"> </p></td> <td style="vertical-align:bottom;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td colspan="6" style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;">Six months ended
June 30,</p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"> </p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #ffffff03;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td colspan="6" style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;">Six months ended
June 30,</p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"> </p></td> </tr> <tr style="height:9pt;background-color:#ffffff;white-space:pre-wrap;word-break:break-word;"> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"> </p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td colspan="2" style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;">2024</p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"> </p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td colspan="2" style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;">2023</p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"> </p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td colspan="2" style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;">2024</p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-

align:left;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"> </p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td colspan="2" style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;">2023</p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"> </p></td> </tr> <tr style="height:10pt;background-color:#cff0fc;white-space:pre-wrap;word-break:break-word;"> <td style="vertical-align:top;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">Pension and other postretirement benefits (L)</p></td> <td style="vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td colspan="2" style="vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td colspan="2" style="vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td colspan="2" style="vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td colspan="2" style="vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> </tr> <tr style="height:10pt;background-color:#ffffff;word-break:break-word;"> <td style="white-space:pre-wrap;vertical-align:top;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">Balance at beginning of period</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">$</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">—</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">$</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">62</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">$</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">(15</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">)</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">$</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"><span style="color:#000000;white-space:pre-wrap;min-width:fit-

content;">(5</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">)</p></td> </tr> <tr style="height:10pt;background-color:#cff0fc;white-space:pre-wrap;word-break:break-word;"> <td style="vertical-align:top;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">Other comprehensive income (loss):</p></td> <td style="vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td colspan="2" style="vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td colspan="2" style="vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td colspan="2" style="vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td colspan="2" style="vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> </tr> <tr style="height:10pt;background-color:#ffffff;word-break:break-word;"> <td style="text-indent:10pt;white-space:pre-wrap;vertical-align:top;"><p style="margin-left:10pt;text-indent:0;font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">Unrecognized net actuarial gain/loss and
  prior service cost/benefit</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">14</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">(18</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">)</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">7</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">(2</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">)</p></td> </tr> <tr style="height:10pt;background-color:#cff0fc;word-break:break-word;"> <td style="text-indent:10pt;white-space:pre-wrap;vertical-align:top;border-bottom:0.5pt solid #000000;"><p style="margin-left:10pt;text-indent:0;font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-

align:left;">Tax (expense) benefit(2)</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">(3</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">)</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">8</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">(2</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">)</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">—</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> </tr> <tr style="height:10pt;background-color:#ffffff;word-break:break-word;"> <td style="text-indent:20pt;white-space:pre-wrap;vertical-align:top;border-bottom:0.5pt solid #000000;"><p style="margin-left:20pt;text-indent:0;font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">Total Other comprehensive income (loss)
 before reclassifications, net of tax</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">11</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">(10</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">)</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"><span

style="color:#000000;white-space:pre-wrap;min-width:fit-content;">5</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">(2</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">)</p></td> </tr> <tr style="height:10pt;background-color:#cff0fc;word-break:break-word;"> <td style="text-indent:10pt;white-space:pre-wrap;vertical-align:top;"><p style="margin-left:10pt;text-indent:0;font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">Amortization of net actuarial gain/loss and
   prior service cost/benefit(1)</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">11</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">30</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">1</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">—</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> </tr> <tr style="height:10pt;background-color:#ffffff;word-break:break-word;"> <td style="text-indent:10pt;white-space:pre-wrap;vertical-align:top;border-bottom:0.5pt solid #000000;"><p style="margin-left:10pt;text-indent:0;font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">Tax expense(2)</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">—</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-

family:Times New Roman;margin-bottom:0;text-align:right;">(6</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">)</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">—</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">—</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> </tr> <tr style="height:10pt;background-color:#cff0fc;word-break:break-word;"> <td style="text-indent:20pt;white-space:pre-wrap;vertical-align:top;border-bottom:0.5pt solid #000000;"><p style="margin-left:20pt;text-indent:0;font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">Total amount reclassified from Accumulated
    other comprehensive loss, net of tax(7)</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">11</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">24</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">1</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">—</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> </tr> <tr style="height:10pt;background-color:#ffffff;word-break:break-word;"> <td style="white-space:pre-wrap;vertical-align:top;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">Total Other comprehensive income (loss) </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"><span

style="white-space:pre-wrap;min-width:fit-content;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">22</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">14</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">6</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">(2</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">)</p></td> </tr> <tr style="height:10pt;background-color:#cff0fc;word-break:break-word;"> <td style="white-space:pre-wrap;vertical-align:top;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">Balance at end of period</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">$</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">22</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">$</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">76</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">$</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">(9</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">)</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-

bottom:0;text-align:right;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">$</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">(7</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">)</p></td> </tr> <tr style="background-color:#ffffff;white-space:pre-wrap;word-break:break-word;"> <td style="vertical-align:top;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td colspan="2" style="vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td colspan="2" style="vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td colspan="2" style="vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td colspan="2" style="vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> </tr> <tr style="height:10pt;background-color:#ffffff;white-space:pre-wrap;word-break:break-word;"> <td style="vertical-align:top;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">Foreign currency translation</p></td> <td style="vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td colspan="2" style="vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td colspan="2" style="vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td colspan="2" style="vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td colspan="2" style="vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> </tr> <tr style="height:10pt;background-color:#cff0fc;word-break:break-word;"> <td style="white-space:pre-wrap;vertical-align:top;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">Balance at beginning of period</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">$</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">(2,593

</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">)</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">$</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">(2,685</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">)</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">$</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">(983</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">)</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">$</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">(1,040</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">)</p></td> </tr> <tr style="height:10pt;background-color:#ffffff;word-break:break-word;"> <td style="text-indent:10pt;white-space:pre-wrap;vertical-align:top;border-bottom:0.5pt solid #000000;"><p style="margin-left:10pt;text-indent:0;font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">Other comprehensive (loss) income</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">(182</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">)</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">27</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">(70</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">)</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">26</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-

bottom:0;text-align:left;"> </p></td> </tr> <tr style="height:10pt;background-color:#cff0fc;word-break:break-word;"> <td style="white-space:pre-wrap;vertical-align:top;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">Balance at end of period</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">$</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">(2,775</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">)</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">$</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">(2,658</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">)</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">$</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">(1,053</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">)</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">$</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">(1,014</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">)</p></td> </tr> <tr style="background-color:#ffffff;white-space:pre-wrap;word-break:break-word;"> <td style="vertical-align:top;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td colspan="2" style="vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td colspan="2" style="vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td colspan="2" style="vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td colspan="2" style="vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-

bottom:0;text-align:right;"> </p></td> </tr> <tr style="height:10pt;background-color:#ffffff;white-space:pre-wrap;word-break:break-word;"> <td style="vertical-align:top;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">Cash flow hedges (M)</p></td> <td style="vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td colspan="2" style="vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td colspan="2" style="vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td colspan="2" style="vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td colspan="2" style="vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> </tr> <tr style="height:10pt;background-color:#cff0fc;word-break:break-word;"> <td style="white-space:pre-wrap;vertical-align:top;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">Balance at beginning of period</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">$</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">(1,052</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">)</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">$</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">(916</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">)</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">$</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">—</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">$</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">1</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> </tr> <tr style="height:10pt;background-color:#ffffff;white-space:pre-wrap;word-break:break-word;"> <td style="vertical-align:top;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">Other comprehensive (loss) income:</p></td> <td style="vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td colspan="2" style="vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">

</p></td> <td style="vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td colspan="2" style="vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td colspan="2" style="vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td colspan="2" style="vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> </tr> <tr style="height:10pt;background-color:#cff0fc;word-break:break-word;"> <td style="text-indent:10pt;white-space:pre-wrap;vertical-align:top;"><p style="margin-left:10pt;text-indent:0;font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">Net change from periodic revaluations</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">(36</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">)</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">54</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">—</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">—</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> </tr> <tr style="height:10pt;background-color:#ffffff;word-break:break-word;"> <td style="border-top:0.5pt solid #000000;text-indent:20pt;white-space:pre-wrap;vertical-align:top;border-bottom:0.5pt solid #000000;"><p style="margin-left:20pt;text-indent:0;font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">Total Other comprehensive (loss) income
 before reclassifications, net of tax</p></td> <td style="border-top:0.5pt solid #000000;white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="border-top:0.5pt solid #000000;white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="border-top:0.5pt solid #000000;white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">(36</p></td> <td style="border-top:0.5pt solid #000000;white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New

```html
Roman;margin-bottom:0;text-align:left;"><span style="color:#000000;min-width:fit-content;">)</span></p></td> <td style="border-top:0.5pt solid #000000;white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"><span style="white-space:pre-wrap;min-width:fit-content;"> </span></p></td> <td style="border-top:0.5pt solid #000000;white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"><span style="min-width:fit-content;"> </span></p></td> <td style="border-top:0.5pt solid #000000;white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"><span style="color:#000000;white-space:pre-wrap;min-width:fit-content;">54</span></p></td> <td style="border-top:0.5pt solid #000000;white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"><span style="min-width:fit-content;"> </span></p></td> <td style="border-top:0.5pt solid #000000;white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"><span style="white-space:pre-wrap;min-width:fit-content;"> </span></p></td> <td style="border-top:0.5pt solid #000000;white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"><span style="min-width:fit-content;"> </span></p></td> <td style="border-top:0.5pt solid #000000;white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"><span style="color:#000000;white-space:pre-wrap;min-width:fit-content;">—</span></p></td> <td style="border-top:0.5pt solid #000000;white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"><span style="min-width:fit-content;"> </span></p></td> <td style="border-top:0.5pt solid #000000;white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"><span style="white-space:pre-wrap;min-width:fit-content;"> </span></p></td> <td style="border-top:0.5pt solid #000000;white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"><span style="min-width:fit-content;"> </span></p></td> <td style="border-top:0.5pt solid #000000;white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"><span style="color:#000000;white-space:pre-wrap;min-width:fit-content;">—</span></p></td> <td style="border-top:0.5pt solid #000000;white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"><span style="min-width:fit-content;"> </span></p></td> </tr> <tr style="height:10pt;background-color:#cff0fc;white-space:pre-wrap;word-break:break-word;"> <td style="text-indent:10pt;vertical-align:top;"><p style="margin-left:10pt;text-indent:0;font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"><span style="color:#000000;white-space:pre-wrap;min-width:fit-content;">Net amount reclassified to earnings:</span></p></td> <td style="vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"><span style="white-space:pre-wrap;min-width:fit-content;"> </span></p></td> <td colspan="2" style="vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"><span style="white-space:pre-wrap;min-width:fit-content;"> </span></p></td> <td style="vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"><span style="white-space:pre-wrap;min-width:fit-content;"> </span></p></td> <td style="vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"><span style="white-space:pre-wrap;min-width:fit-content;"> </span></p></td> <td colspan="2" style="vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"><span style="white-space:pre-wrap;min-width:fit-content;"> </span></p></td> <td style="vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"><span style="white-space:pre-wrap;min-width:fit-content;"> </span></p></td> <td style="vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"><span style="white-space:pre-wrap;min-width:fit-content;"> </span></p></td> <td colspan="2" style="vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"><span style="white-space:pre-wrap;min-width:fit-content;"> </span></p></td> <td style="vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"><span style="white-space:pre-wrap;min-width:fit-content;"> </span></p></td> <td style="vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"><span style="white-space:pre-wrap;min-width:fit-content;"> </span></p></td> <td colspan="2" style="vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"><span style="white-space:pre-wrap;min-width:fit-content;"> </span></p></td> <td style="vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"><span style="white-space:pre-wrap;min-width:fit-content;"> </span></p></td> </tr> <tr style="height:10pt;background-color:#ffffff;word-break:break-word;"> <td style="text-indent:20pt;white-space:pre-wrap;vertical-align:top;"><p style="margin-left:20pt;text-indent:0;font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"><span style="color:#000000;white-space:pre-wrap;min-width:fit-content;">Aluminum contracts</span><span style="color:#000000;top:-4.6899999999999995pt;white-space:pre-wrap;font-size:6.7pt;position:relative;min-width:fit-content;">(3)</span></p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"><span style="white-space:pre-wrap;min-width:fit-content;"> </span></p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"><span style="min-width:fit-content;"> </span></p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"><span style="color:#000000;white-space:pre-wrap;min-width:fit-content;">132</span></p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"><span
```

		94			—			—		
Financial contracts[4]			—		(20)		—		—	
Interest rate contracts[5]										

align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">(1</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">)</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">(2</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">)</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">(1</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">)</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">—</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> </tr> <tr style="height:10pt;background-color:#cff0fc;word-break:break-word;"> <td style="text-indent:20pt;white-space:pre-wrap;vertical-align:top;border-bottom:0.5pt solid #000000;"><p style="margin-left:20pt;text-indent:0;font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">Foreign exchange contracts(6)</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">(4</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">)</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">(8</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">)</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">—</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-

align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">—</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> </tr> <tr style="height:10pt;background-color:#ffffff;word-break:break-word;"> <td style="text-indent:30pt;white-space:pre-wrap;vertical-align:top;"><p style="margin-left:30pt;text-indent:0;font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">Sub-total</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">127</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">64</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">(1</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">)</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">—</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> </tr> <tr style="height:10pt;background-color:#cff0fc;word-break:break-word;"> <td style="text-indent:30pt;white-space:pre-wrap;vertical-align:top;border-bottom:0.5pt solid #000000;"><p style="margin-left:30pt;text-indent:0;font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">Tax expense(2)</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">(23</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">)</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">(14</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">)</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-

—							—		
Total amount reclassified from Accumulated other comprehensive loss, net of tax (7)			104			50		(1)	—
Total Other comprehensive income (loss)			68						

#000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">104</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">(1</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">)</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">—</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> </tr> <tr style="height:10pt;background-color:#ffffff;word-break:break-word;"> <td style="white-space:pre-wrap;vertical-align:top;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">Balance at end of period</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">$</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">(984</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">)</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">$</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">(812</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">)</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">$</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">(1</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">)</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">$</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">1</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p

style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> </tr> <tr style="background-color:#ffffff;white-space:pre-wrap;word-break:break-word;"> <td style="vertical-align:top;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td colspan="2" style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td colspan="2" style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td colspan="2" style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td colspan="2" style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> </tr> <tr style="height:10pt;background-color:#cff0fc;word-break:break-word;"> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">Total Accumulated other comprehensive loss</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">$</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">(3,737</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">)</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">$</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">(3,394</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">)</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">$</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">(1,063</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">)</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">$</p></td> <td style="white-space:pre-wrap;vertical-

align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">(1,020</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">)</p></td> </tr> </table><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p> <div class="item-list-element-wrapper" style="display:flex;margin-top:0;justify-content:flex-start;align-items:baseline;margin-bottom:0;min-width:2.269%;text-align:left;">(1)<div style="width:100%;display:inline;">These amounts were included in the computation of net periodic benefit cost for pension and other postretirement benefits (see Note L). </div></div><div class="item-list-element-wrapper" style="display:flex;margin-top:0;justify-content:flex-start;align-items:baseline;margin-bottom:0;min-width:2.269%;text-align:left;">(2)<div style="width:100%;display:inline;">These amounts were reported in Provision for income taxes on the accompanying Statement of Consolidated Operations. </div></div><div class="item-list-element-wrapper" style="display:flex;margin-top:0;justify-content:flex-start;align-items:baseline;margin-bottom:0;min-width:2.269%;text-align:left;">(3)<div style="width:100%;display:inline;">These amounts were reported in Sales on the accompanying Statement of Consolidated Operations. </div></div><div class="item-list-element-wrapper" style="display:flex;margin-top:0;justify-content:flex-start;align-items:baseline;margin-bottom:0;min-width:2.269%;text-align:left;">(4)<div style="width:100%;display:inline;">These amounts were reported in Cost of goods sold on the accompanying Statement of Consolidated Operations. </div></div><div class="item-list-element-wrapper" style="display:flex;margin-top:0;justify-content:flex-start;align-items:baseline;margin-bottom:0;min-width:2.269%;text-align:left;">(5)<div style="width:100%;display:inline;">These amounts were reported in Other (income) expenses, net on the accompanying Statement of Consolidated Operations. </div></div><div class="item-list-element-wrapper" style="display:flex;margin-top:0;justify-content:flex-start;align-items:baseline;margin-bottom:0;min-width:2.269%;text-align:left;">(6)<div style="width:100%;display:inline;">For the second quarter and six-month period of 2024, these amounts were reported in Sales (both periods) on the accompanying Statement of Consolidated Operations. For the second quarter and six-month period of 2023, $4 was reported in Cost of goods sold (both periods) and $(7) and $(12) were reported in Sales, respectively, on the accompanying Statement of Consolidated Operations. </div></div><div class="item-list-element-wrapper" style="display:flex;margin-top:0;justify-content:flex-start;align-items:baseline;margin-bottom:0;min-width:2.269%;text-align:left;">(7)<div style="width:100%;display:inline;">A positive amount indicates a corresponding charge to earnings and a negative amount indicates a corresponding benefit to earnings. </div></div></div><p style="font-size:10pt;margin-top:6pt;font-family:Times New Roman;margin-bottom:0;text-align:left;">The following table details the activity of the three components that comprise Accumulated other comprehensive loss for both Alcoa Corporation's shareholders and Noncontrolling interest:</p><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p> <table style="margin-left:auto;border-spacing:0;table-layout:fixed;width:100.0%;border-collapse:separate;margin-right:auto;"> <tr style="visibility:collapse;"> <td style="width:50%;"></td> <td style="width:1.3%;"></td> <td style="width:1%;"></td> <td style="width:9.200000000000001%;"></td> <td style="width:1%;"></td> <td style="width:1.3%;"></td> <td style="width:1%;"></td> <td style="width:9.200000000000001%;"></td> <td style="width:1%;"></td> <td style="width:1.3%;"></td> <td style="width:1%;"></td> <td style="width:9.200000000000001%;"></td> <td style="width:1%;"></td> <td style="width:1.3%;"></td> <td style="width:1%;"></td> <td

		Alcoa Corporation		Noncontrolling interest	
		Second quarter ended June 30,		Second quarter ended June 30,	
		2024	2023	2024	2023
Pension and other postretirement benefits (L)					

```
<p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"><span style="white-space:pre-wrap;min-width:fit-content;"> </span></p></td> <td colspan="2" style="vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"><span style="white-space:pre-wrap;min-width:fit-content;"> </span></p></td> <td style="vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"><span style="white-space:pre-wrap;min-width:fit-content;"> </span></p></td> <td style="vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"><span style="white-space:pre-wrap;min-width:fit-content;"> </span></p></td> <td colspan="2" style="vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"><span style="white-space:pre-wrap;min-width:fit-content;"> </span></p></td> <td style="vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"><span style="white-space:pre-wrap;min-width:fit-content;"> </span></p></td> <td style="vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"><span style="white-space:pre-wrap;min-width:fit-content;"> </span></p></td> <td colspan="2" style="vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"><span style="white-space:pre-wrap;min-width:fit-content;"> </span></p></td> <td style="vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"><span style="white-space:pre-wrap;min-width:fit-content;"> </span></p></td> <td style="vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"><span style="white-space:pre-wrap;min-width:fit-content;"> </span></p></td> <td colspan="2" style="vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"><span style="white-space:pre-wrap;min-width:fit-content;"> </span></p></td> <td style="vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"><span style="white-space:pre-wrap;min-width:fit-content;"> </span></p></td> </tr> <tr style="height:10pt;background-color:#ffffff;word-break:break-word;"> <td style="white-space:pre-wrap;vertical-align:top;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"><span style="color:#000000;white-space:pre-wrap;min-width:fit-content;">Balance at beginning of period</span></p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"><span style="white-space:pre-wrap;min-width:fit-content;"> </span></p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"><span style="color:#000000;min-width:fit-content;">$</span></p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"><span style="color:#000000;white-space:pre-wrap;min-width:fit-content;">9</span></p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"><span style="min-width:fit-content;"> </span></p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"><span style="white-space:pre-wrap;min-width:fit-content;"> </span></p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"><span style="color:#000000;min-width:fit-content;">$</span></p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"><span style="color:#000000;white-space:pre-wrap;min-width:fit-content;">66</span></p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"><span style="min-width:fit-content;"> </span></p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"><span style="white-space:pre-wrap;min-width:fit-content;"> </span></p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"><span style="color:#000000;min-width:fit-content;">$</span></p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"><span style="color:#000000;white-space:pre-wrap;min-width:fit-content;">(</span><span style="color:#000000;white-space:pre-wrap;min-width:fit-content;">14</span></p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"><span style="color:#000000;min-width:fit-content;">)</span></p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"><span style="white-space:pre-wrap;min-width:fit-content;"> </span></p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"><span style="color:#000000;min-width:fit-content;">$</span></p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"><span style="color:#000000;white-space:pre-wrap;min-width:fit-content;">(</span><span style="color:#000000;white-space:pre-wrap;min-width:fit-content;">5</span></p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"><span style="color:#000000;min-width:fit-content;">)</span></p></td> </tr> <tr style="height:10pt;background-color:#cff0fc;white-space:pre-wrap;word-break:break-word;"> <td style="vertical-align:top;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"><span style="color:#000000;white-space:pre-wrap;min-width:fit-content;">Other comprehensive income (loss):</span></p></td> <td style="vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"><span style="white-space:pre-wrap;min-width:fit-content;"> </span></p></td> <td colspan="2" style="vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"><span style="white-space:pre-wrap;min-width:fit-content;"> </span></p></td> <td style="vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"><span style="white-space:pre-wrap;min-width:fit-content;"> </span></p></td> <td style="vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"><span style="white-space:pre-wrap;min-width:fit-content;"> </span></p></td> <td colspan="2" style="vertical-align:bottom;text-
```

```
align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"><span style="white-space:pre-wrap;min-width:fit-content;"> </span></p></td> <td style="vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"><span style="white-space:pre-wrap;min-width:fit-content;"> </span></p></td> <td style="vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"><span style="white-space:pre-wrap;min-width:fit-content;"> </span></p></td> <td colspan="2" style="vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"><span style="white-space:pre-wrap;min-width:fit-content;"> </span></p></td> <td style="vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"><span style="white-space:pre-wrap;min-width:fit-content;"> </span></p></td> <td style="vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"><span style="white-space:pre-wrap;min-width:fit-content;"> </span></p></td> <td colspan="2" style="vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"><span style="white-space:pre-wrap;min-width:fit-content;"> </span></p></td> <td style="vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"><span style="white-space:pre-wrap;min-width:fit-content;"> </span></p></td> </tr> <tr style="height:10pt;background-color:#ffffff;word-break:break-word;"> <td style="text-indent:10pt;white-space:pre-wrap;vertical-align:top;"><p style="margin-left:10pt;text-indent:0;font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"><span style="color:#000000;white-space:pre-wrap;min-width:fit-content;">Unrecognized net actuarial gain/loss and<br/>  prior service cost/benefit</span></p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"><span style="white-space:pre-wrap;min-width:fit-content;"> </span></p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"><span style="min-width:fit-content;"> </span></p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"><span style="color:#000000;white-space:pre-wrap;min-width:fit-content;">10</span></p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"><span style="min-width:fit-content;"> </span></p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"><span style="white-space:pre-wrap;min-width:fit-content;"> </span></p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"><span style="min-width:fit-content;"> </span></p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"><span style="color:#000000;white-space:pre-wrap;min-width:fit-content;">(</span><span style="color:#000000;white-space:pre-wrap;min-width:fit-content;">18</span></p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"><span style="color:#000000;min-width:fit-content;">)</span></p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"><span style="white-space:pre-wrap;min-width:fit-content;"> </span></p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"><span style="min-width:fit-content;"> </span></p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"><span style="color:#000000;white-space:pre-wrap;min-width:fit-content;">7</span></p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"><span style="min-width:fit-content;"> </span></p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"><span style="white-space:pre-wrap;min-width:fit-content;"> </span></p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"><span style="min-width:fit-content;"> </span></p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"><span style="color:#000000;white-space:pre-wrap;min-width:fit-content;">(</span><span style="color:#000000;white-space:pre-wrap;min-width:fit-content;">2</span></p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"><span style="color:#000000;min-width:fit-content;">)</span></p></td> </tr> <tr style="height:10pt;background-color:#cff0fc;word-break:break-word;"> <td style="text-indent:10pt;white-space:pre-wrap;vertical-align:top;border-bottom:0.5pt solid #000000;"><p style="margin-left:10pt;text-indent:0;font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"><span style="color:#000000;white-space:pre-wrap;min-width:fit-content;">Tax (expense) benefit</span><span style="color:#000000;top:-4.6899999999999995pt;white-space:pre-wrap;font-size:6.7pt;position:relative;min-width:fit-content;">(2)</span></p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"><span style="white-space:pre-wrap;min-width:fit-content;"> </span></p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"><span style="min-width:fit-content;"> </span></p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"><span style="color:#000000;white-space:pre-wrap;min-width:fit-content;">(</span><span style="color:#000000;white-space:pre-wrap;min-width:fit-content;">2</span></p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"><span style="color:#000000;min-width:fit-content;">)</span></p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"><span style="white-space:pre-wrap;min-width:fit-
```

content;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">8</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">(2</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">)</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">—</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> </tr> <tr style="height:10pt;background-color:#ffffff;word-break:break-word;"> <td style="text-indent:20pt;white-space:pre-wrap;vertical-align:top;border-bottom:0.5pt solid #000000;"><p style="margin-left:20pt;text-indent:0;font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">Total Other comprehensive income (loss)
   before reclassifications, net of tax</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">8</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">(10</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">)</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">5</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">(2</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">)</p></td> </tr> <tr style="height:10pt;background-color:#cff0fc;word-break:break-word;"> <td style="text-indent:10pt;white-space:pre-wrap;vertical-align:top;"><p

style="margin-left:10pt;text-indent:0;font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">Amortization of net actuarial gain/loss and
   prior service cost/benefit(1)</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">5</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">26</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">—</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">—</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> </tr> <tr style="height:10pt;background-color:#ffffff;word-break:break-word;"> <td style="text-indent:10pt;white-space:pre-wrap;vertical-align:top;border-bottom:0.5pt solid #000000;"><p style="margin-left:10pt;text-indent:0;font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">Tax expense(2)</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">—</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">(6</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">)</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">—</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-

family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">—</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> </tr> <tr style="height:10pt;background-color:#cff0fc;word-break:break-word;"> <td style="text-indent:20pt;white-space:pre-wrap;vertical-align:top;border-bottom:0.5pt solid #000000;"><p style="margin-left:20pt;text-indent:0;font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">Total amount reclassified from Accumulated
   other comprehensive loss, net of tax(7)</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">5</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">20</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">—</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">—</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> </tr> <tr style="height:10pt;background-color:#ffffff;word-break:break-word;"> <td style="white-space:pre-wrap;vertical-align:top;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">Total Other comprehensive income (loss) </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">13</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"><span style="color:#000000;white-space:pre-wrap;min-width:fit-

content;">10</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">5</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">(2</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">)</p></td> </tr> <tr style="height:10pt;background-color:#cff0fc;word-break:break-word;"> <td style="white-space:pre-wrap;vertical-align:top;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">Balance at end of period</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">$</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">22</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">$</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">76</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">$</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">(9</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">)</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">$</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">(7</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">)</p></td> </tr> <tr style="background-color:#ffffff;white-space:pre-wrap;word-break:break-word;"> <td style="vertical-align:top;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td colspan="2" style="vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-

bottom:0;text-align:right;"> </p></td> <td style="vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td colspan="2" style="vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td colspan="2" style="vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td colspan="2" style="vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> </tr> <tr style="height:10pt;background-color:#ffffff;white-space:pre-wrap;word-break:break-word;"> <td style="vertical-align:top;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">Foreign currency translation</p></td> <td style="vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td colspan="2" style="vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td colspan="2" style="vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td colspan="2" style="vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td colspan="2" style="vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> </tr> <tr style="height:10pt;background-color:#cff0fc;word-break:break-word;"> <td style="white-space:pre-wrap;vertical-align:top;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">Balance at beginning of period</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">$</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">(2,715</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">)</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">$</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">(2,683</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">)</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-

	$	(1,037	)		$	(1,025	)
Other comprehensive (loss) income			(60	)	25	(16	)	11
Balance at end of period		$	(2,775	)			

	$	(	2,658	)				
					$	(	1,053	)
						$	(	1,014	)
Cash flow hedges (M)								

Balance at beginning of period	$	(922)	$	(1,038)	$	—	$ 1
Other comprehensive (loss) income:							

Roman;margin-bottom:0;text-align:left;"> </p></td> <td colspan="2" style="vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> </tr> <tr style="height:10pt;background-color:#cff0fc;word-break:break-word;"> <td style="text-indent:10pt;white-space:pre-wrap;vertical-align:top;"><p style="margin-left:10pt;text-indent:0;font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">Net change from periodic revaluations</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">(153</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">)</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">241</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">—</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">—</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> </tr> <tr style="height:10pt;background-color:#ffffff;word-break:break-word;"> <td style="text-indent:10pt;white-space:pre-wrap;vertical-align:top;border-bottom:0.5pt solid #000000;"><p style="margin-left:10pt;text-indent:0;font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">Tax benefit (expense)(2)</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">31</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">(38</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">)</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-

align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">—</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">—</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> </tr> <tr style="height:10pt;background-color:#cff0fc;word-break:break-word;"> <td style="text-indent:20pt;white-space:pre-wrap;vertical-align:top;border-bottom:0.5pt solid #000000;"><p style="margin-left:20pt;text-indent:0;font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">Total Other comprehensive (loss) income
   before reclassifications, net of tax</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">(122</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">)</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">203</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">—</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">—</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> </tr> <tr style="height:10pt;background-color:#ffffff;white-space:pre-wrap;word-break:break-word;"> <td style="text-indent:10pt;vertical-align:top;"><p style="margin-left:10pt;text-indent:0;font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">Net amount reclassified to earnings:</p></td> <td style="vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td colspan="2" style="vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td colspan="2" style="vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p>

</p></td> <td style="vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td colspan="2" style="vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td colspan="2" style="vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> </tr> <tr style="height:10pt;background-color:#cff0fc;word-break:break-word;"> <td style="text-indent:20pt;white-space:pre-wrap;vertical-align:top;"><p style="margin-left:20pt;text-indent:0;font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">Aluminum contracts(3)</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">75</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">33</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">—</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">—</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> </tr> <tr style="height:10pt;background-color:#ffffff;word-break:break-word;"> <td style="text-indent:20pt;white-space:pre-wrap;vertical-align:top;"><p style="margin-left:20pt;text-indent:0;font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">Financial contracts(4)</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">—</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">—</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"><span style="white-space:pre-wrap;min-width:fit-content;

content;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">—</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">—</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> </tr> <tr style="height:10pt;background-color:#cff0fc;word-break:break-word;"> <td style="text-indent:20pt;white-space:pre-wrap;vertical-align:top;"><p style="margin-left:20pt;text-indent:0;font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">Interest rate contracts(5)</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">(1</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">)</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">(3</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">)</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">(1</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">)</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">—</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> </tr> <tr style="height:10pt;background-color:#ffffff;word-break:break-word;"> <td style="text-indent:20pt;white-space:pre-wrap;vertical-align:top;border-bottom:0.5pt solid #000000;"><p style="margin-left:20pt;text-indent:0;font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">Foreign exchange contracts(6)</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">—</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p>

</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">(3</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">)</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">—</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">—</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> </tr> <tr style="height:10pt;background-color:#cff0fc;word-break:break-word;"> <td style="text-indent:30pt;white-space:pre-wrap;vertical-align:top;"><p style="margin-left:30pt;text-indent:0;font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">Sub-total</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">74</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">27</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">(1</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">)</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">—</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> </tr> <tr style="height:10pt;background-color:#ffffff;word-break:break-word;"> <td style="text-indent:30pt;white-space:pre-wrap;vertical-align:top;border-bottom:0.5pt solid #000000;"><p style="margin-left:30pt;text-indent:0;font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">Tax expense(2)</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-

size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">(14</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">)</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">(4</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">)</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">—</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">—</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> </tr> <tr style="height:10pt;background-color:#cff0fc;word-break:break-word;"> <td style="text-indent:40pt;white-space:pre-wrap;vertical-align:top;border-bottom:0.5pt solid #000000;"><p style="margin-left:40pt;text-indent:0;font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">Total amount reclassified from Accumulated <br/> other comprehensive loss, net of tax(7)</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">60</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">23</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">(1</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">)</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-

Total Other comprehensive (loss) income			(62)		226		(1)		—
Balance at end of period		$	(984)				$		

(812	)	$	(1	)	$	1	
Total Accumulated other comprehensive loss		$	(3,737	)			

</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">$</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">(3,394</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">)</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">$</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">(1,063</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">)</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">$</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">(1,020</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">)</p></td> </tr> </table><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p><table style="margin-left:auto;border-spacing:0;table-layout:fixed;width:100.0%;border-collapse:separate;margin-right:auto;"> <tr style="visibility:collapse;"> <td style="width:50%;"></td> <td style="width:1.3%;"></td> <td style="width:1%;"></td> <td style="width:9.200000000000001%;"></td> <td style="width:1%;"></td> <td style="width:1.3%;"></td> <td style="width:1%;"></td> <td style="width:9.200000000000001%;"></td> <td style="width:1%;"></td> <td style="width:1.3%;"></td> <td style="width:1%;"></td> <td style="width:9.200000000000001%;"></td> <td style="width:1%;"></td> <td style="width:1.3%;"></td> <td style="width:1%;"></td> <td style="width:9.200000000000001%;"></td> <td style="width:1%;"></td> </tr> <tr style="height:9pt;background-color:#ffffff;white-space:pre-wrap;word-break:break-word;"> <td style="vertical-align:bottom;text-align:left;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"> </p></td> <td style="vertical-align:bottom;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td colspan="6" style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;">Alcoa Corporation</p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"> </p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #ffffff03;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td colspan="6" style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;">Noncontrolling interest</p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"> </p></td> </tr> <tr style="height:9pt;background-color:#ffffff;white-space:pre-wrap;word-break:break-word;"> <td style="vertical-align:bottom;text-align:left;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"> </p></td> <td style="vertical-align:bottom;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td colspan="6" style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;">Six months ended
June 30,</p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"> </p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #ffffff03;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td colspan="6" style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"><span style="color:#000000;white-space:pre-

wrap;font-weight:bold;min-width:fit-content;">Six months ended
June 30,</p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"> </p></td> </tr> <tr style="height:9pt;background-color:#ffffff;white-space:pre-wrap;word-break:break-word;"> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"> </p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td colspan="2" style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;">2024</p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"> </p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td colspan="2" style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;">2023</p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"> </p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td colspan="2" style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;">2024</p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"> </p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td colspan="2" style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;">2023</p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"> </p></td> </tr> <tr style="height:10pt;background-color:#cff0fc;white-space:pre-wrap;word-break:break-word;"> <td style="vertical-align:top;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">Pension and other postretirement benefits (L)</p></td> <td style="vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td colspan="2" style="vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td colspan="2" style="vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td colspan="2" style="vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td colspan="2" style="vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> </tr> <tr style="height:10pt;background-color:#ffffff;word-break:break-word;"> <td style="white-space:pre-wrap;vertical-align:top;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">Balance at beginning of period</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">$</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-

bottom:0;text-align:right;">—</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">$</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">62</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">$</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">(15</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">)</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">$</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">(5</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">)</p></td> </tr> <tr style="height:10pt;background-color:#cff0fc;white-space:pre-wrap;word-break:break-word;"> <td style="vertical-align:top;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">Other comprehensive income (loss):</p></td> <td style="vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td colspan="2" style="vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td colspan="2" style="vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td colspan="2" style="vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td colspan="2" style="vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> </tr> <tr style="height:10pt;background-color:#ffffff;word-break:break-word;"> <td style="text-indent:10pt;white-space:pre-wrap;vertical-align:top;"><p style="margin-left:10pt;text-indent:0;font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">Unrecognized net actuarial gain/loss and
 prior service cost/benefit</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">14</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-

size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">(18</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">)</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">7</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">(2</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">)</p></td> </tr> <tr style="height:10pt;background-color:#cff0fc;word-break:break-word;"> <td style="text-indent:10pt;white-space:pre-wrap;vertical-align:top;border-bottom:0.5pt solid #000000;"><p style="margin-left:10pt;text-indent:0;font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">Tax (expense) benefit(2)</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">(3</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">)</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">8</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">(2</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">)</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">—</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> </tr> <tr style="height:10pt;background-color:#ffffff;word-break:break-word;"> <td style="text-indent:20pt;white-space:pre-wrap;vertical-align:top;border-bottom:0.5pt solid #000000;"><p style="margin-left:20pt;text-indent:0;font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">Total Other comprehensive income (loss)

    before reclassifications, net of tax</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">11</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">(10</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">)</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">5</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">(2</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">)</p></td> </tr> <tr style="height:10pt;background-color:#cff0fc;word-break:break-word;"> <td style="text-indent:10pt;white-space:pre-wrap;vertical-align:top;"><p style="margin-left:10pt;text-indent:0;font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">Amortization of net actuarial gain/loss and
    prior service cost/benefit(1)</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">11</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">30</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">1</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"><span style="white-space:pre-wrap;min-width:fit-

				—	
Tax expense (2)		—		(6)	—
Total amount reclassified from Accumulated other comprehensive loss, net of tax (7)		11			

wrap;min-width:fit-content;">24</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">1</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">—</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> </tr> <tr style="height:10pt;background-color:#ffffff;word-break:break-word;"> <td style="white-space:pre-wrap;vertical-align:top;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">Total Other comprehensive income (loss) </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">22</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">14</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">6</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">(2</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">)</p></td> </tr> <tr style="height:10pt;background-color:#cff0fc;word-break:break-word;"> <td style="white-space:pre-wrap;vertical-align:top;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">Balance at end of period</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">$</p></td> <td style="white-

space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">22</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">$</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">76</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">$</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">(9</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">)</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">$</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">(7</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">)</p></td> </tr> <tr style="background-color:#ffffff;white-space:pre-wrap;word-break:break-word;"> <td style="vertical-align:top;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td colspan="2" style="vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td colspan="2" style="vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td colspan="2" style="vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td colspan="2" style="vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> </tr> <tr style="height:10pt;background-color:#ffffff;white-space:pre-wrap;word-break:break-word;"> <td style="vertical-align:top;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">Foreign currency translation</p></td> <td style="vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td colspan="2" style="vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="vertical-align:bottom;"><p style="font-size:10pt;margin-

top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td colspan="2" style="vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td colspan="2" style="vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td colspan="2" style="vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> </tr> <tr style="height:10pt;background-color:#cff0fc;word-break:break-word;"> <td style="white-space:pre-wrap;vertical-align:top;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">Balance at beginning of period</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">$</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">(2,593</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">)</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">$</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">(2,685</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">)</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">$</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">(983</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">)</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">$</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">(1,040</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">)</p></td> </tr> <tr style="height:10pt;background-color:#ffffff;word-break:break-word;"> <td style="text-indent:10pt;white-space:pre-wrap;vertical-align:top;border-bottom:0.5pt solid #000000;"><p style="margin-left:10pt;text-indent:0;font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">Other comprehensive (loss) income</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">(182</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">)</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New

Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">27</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">(70</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">)</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">26</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> </tr> <tr style="height:10pt;background-color:#cff0fc;word-break:break-word;"> <td style="white-space:pre-wrap;vertical-align:top;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">Balance at end of period</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">$</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">(2,775</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">)</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">$</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">(2,658</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">)</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">$</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">(1,053</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">)</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">$</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">(1,014</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-

top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">)</p></td> </tr> <tr style="background-color:#ffffff;white-space:pre-wrap;word-break:break-word;"> <td style="vertical-align:top;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td colspan="2" style="vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td colspan="2" style="vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td colspan="2" style="vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td colspan="2" style="vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> </tr> <tr style="height:10pt;background-color:#ffffff;white-space:pre-wrap;word-break:break-word;"> <td style="vertical-align:top;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">Cash flow hedges (M)</p></td> <td style="vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td colspan="2" style="vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td colspan="2" style="vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td colspan="2" style="vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> </tr> <tr style="height:10pt;background-color:#cff0fc;word-break:break-word;"> <td style="white-space:pre-wrap;vertical-align:top;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">Balance at beginning of period</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">$</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">(1,052</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">)</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">$</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"><span style="color:#000000;white-space:pre-wrap;min-width:fit-

content;">(916</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">)</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">$</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">—</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">$</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">1</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> </tr> <tr style="height:10pt;background-color:#ffffff;white-space:pre-wrap;word-break:break-word;"> <td style="vertical-align:top;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">Other comprehensive (loss) income:</p></td> <td style="vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td colspan="2" style="vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td colspan="2" style="vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td colspan="2" style="vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td colspan="2" style="vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> </tr> <tr style="height:10pt;background-color:#cff0fc;word-break:break-word;"> <td style="text-indent:10pt;white-space:pre-wrap;vertical-align:top;"><p style="margin-left:10pt;text-indent:0;font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">Net change from periodic revaluations</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">(36</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">)</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">54</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-

```
align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"><span style="color:#000000;white-space:pre-wrap;min-width:fit-content;">—</span></p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"><span style="min-width:fit-content;"> </span></p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"><span style="white-space:pre-wrap;min-width:fit-content;"> </span></p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"><span style="min-width:fit-content;"> </span></p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"><span style="color:#000000;white-space:pre-wrap;min-width:fit-content;">—</span></p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"><span style="min-width:fit-content;"> </span></p></td> </tr> <tr style="height:10pt;background-color:#ffffff;word-break:break-word;"> <td style="border-top:0.5pt solid #000000;text-indent:20pt;white-space:pre-wrap;vertical-align:top;border-bottom:0.5pt solid #000000;"><p style="margin-left:20pt;text-indent:0;font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"><span style="color:#000000;white-space:pre-wrap;min-width:fit-content;">Total Other comprehensive (loss) income<br/>   before reclassifications, net of tax</span></p></td> <td style="border-top:0.5pt solid #000000;white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"><span style="white-space:pre-wrap;min-width:fit-content;"> </span></p></td> <td style="border-top:0.5pt solid #000000;white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"><span style="min-width:fit-content;"> </span></p></td> <td style="border-top:0.5pt solid #000000;white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"><span style="color:#000000;white-space:pre-wrap;min-width:fit-content;">(</span><span style="color:#000000;white-space:pre-wrap;min-width:fit-content;">36</span></p></td> <td style="border-top:0.5pt solid #000000;white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"><span style="color:#000000;min-width:fit-content;">)</span></p></td> <td style="border-top:0.5pt solid #000000;white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"><span style="white-space:pre-wrap;min-width:fit-content;"> </span></p></td> <td style="border-top:0.5pt solid #000000;white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"><span style="min-width:fit-content;"> </span></p></td> <td style="border-top:0.5pt solid #000000;white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"><span style="color:#000000;white-space:pre-wrap;min-width:fit-content;">54</span></p></td> <td style="border-top:0.5pt solid #000000;white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"><span style="min-width:fit-content;"> </span></p></td> <td style="border-top:0.5pt solid #000000;white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"><span style="white-space:pre-wrap;min-width:fit-content;"> </span></p></td> <td style="border-top:0.5pt solid #000000;white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"><span style="min-width:fit-content;"> </span></p></td> <td style="border-top:0.5pt solid #000000;white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"><span style="color:#000000;white-space:pre-wrap;min-width:fit-content;">—</span></p></td> <td style="border-top:0.5pt solid #000000;white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"><span style="min-width:fit-content;"> </span></p></td> <td style="border-top:0.5pt solid #000000;white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"><span style="white-space:pre-wrap;min-width:fit-content;"> </span></p></td> <td style="border-top:0.5pt solid #000000;white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"><span style="min-width:fit-content;"> </span></p></td> <td style="border-top:0.5pt solid #000000;white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"><span style="color:#000000;white-space:pre-wrap;min-width:fit-content;">—</span></p></td> <td style="border-top:0.5pt solid #000000;white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"><span style="min-width:fit-content;"> </span></p></td> </tr> <tr style="height:10pt;background-color:#cff0fc;white-space:pre-wrap;word-break:break-word;"> <td style="text-indent:10pt;vertical-align:top;"><p style="margin-left:10pt;text-indent:0;font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"><span style="color:#000000;white-space:pre-wrap;min-width:fit-content;">Net amount reclassified to earnings:</span></p></td> <td style="vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"><span style="white-space:pre-wrap;min-width:fit-content;"> </span></p></td> <td colspan="2" style="vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"><span style="white-space:pre-wrap;min-width:fit-content;"> </span></p></td> <td style="vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"><span style="white-space:pre-wrap;min-width:fit-content;"> </span></p></td> <td style="vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"><span style="white-space:pre-wrap;min-width:fit-content;"> </span></p></td> <td colspan="2" style="vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"><span style="white-
```

space:pre-wrap;min-width:fit-content;"> </p></td> <td style="vertical-align:bottom;text-align:center;"> <p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td colspan="2" style="vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td colspan="2" style="vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> </tr> <tr style="height:10pt;background-color:#ffffff;word-break:break-word;"> <td style="text-indent:20pt;white-space:pre-wrap;vertical-align:top;"><p style="margin-left:20pt;text-indent:0;font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">Aluminum contracts(3)</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">132</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">94</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">—</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">—</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> </tr> <tr style="height:10pt;background-color:#cff0fc;word-break:break-word;"> <td style="text-indent:20pt;white-space:pre-wrap;vertical-align:top;"><p style="margin-left:20pt;text-indent:0;font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">Financial contracts(4)</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">—</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">(20</p></td> <td style="white-

space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">)</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">—</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">—</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> </tr> <tr style="height:10pt;background-color:#ffffff;word-break:break-word;"> <td style="text-indent:20pt;white-space:pre-wrap;vertical-align:top;"><p style="margin-left:20pt;text-indent:0;font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">Interest rate contracts(5)</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">(1</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">)</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">(2</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">)</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">(1</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">)</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">—</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> </tr> <tr style="height:10pt;background-color:#cff0fc;word-break:break-word;"> <td style="text-indent:20pt;white-space:pre-wrap;vertical-align:top;border-bottom:0.5pt solid #000000;"><p style="margin-left:20pt;text-indent:0;font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">Foreign exchange contracts(6)</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">(4</p>

</td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">)</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">(8</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">)</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">—</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">—</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> </tr> <tr style="height:10pt;background-color:#ffffff;word-break:break-word;"> <td style="text-indent:30pt;white-space:pre-wrap;vertical-align:top;"><p style="margin-left:30pt;text-indent:0;font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">Sub-total</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">127</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">64</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">(1</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">)</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">—</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> </tr> <tr style="height:10pt;background-color:#cff0fc;word-break:break-word;"> <td style="text-indent:30pt;white-space:pre-wrap;vertical-align:top;border-bottom:0.5pt solid #000000;"><p style="margin-left:30pt;text-indent:0;font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">Tax expense<span

style="color:#000000;top:-4.6899999999999995pt;white-space:pre-wrap;font-size:6.7pt;position:relative;min-width:fit-content;">(2)</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">(23</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">)</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">(14</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">)</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">—</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">—</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> </tr> <tr style="height:10pt;background-color:#ffffff;word-break:break-word;"> <td style="text-indent:40pt;white-space:pre-wrap;vertical-align:top;border-bottom:0.5pt solid #000000;"><p style="margin-left:40pt;text-indent:0;font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">Total amount reclassified from Accumulated <br/> other comprehensive loss, net of tax(7)</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">104</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">50</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"><span style="color:#000000;white-space:pre-

	(1)	)			—		
Total Other comprehensive income (loss)			68			104	(1))	—
Balance at end of period	$	(984))					

style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">$</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">(812</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">)</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">$</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">(1</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">)</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">$</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">1</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> </tr> <tr style="background-color:#ffffff;white-space:pre-wrap;word-break:break-word;"> <td style="vertical-align:top;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td colspan="2" style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td colspan="2" style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td colspan="2" style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td colspan="2" style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> </tr> <tr style="height:10pt;background-color:#cff0fc;word-break:break-word;"> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">Total Accumulated other comprehensive loss</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">$</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">(3,737</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New

Roman;margin-bottom:0;text-align:left;">)</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">$</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">(3,394</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">)</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">$</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">(1,063</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">)</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">$</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">(1,020</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">)</p></td> </tr> </table><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p><div class="item-list-element-wrapper" style="display:flex;margin-top:0;justify-content:flex-start;align-items:baseline;margin-bottom:0;min-width:2.269%;text-align:left;">(1)<div style="width:100%;display:inline;">These amounts were included in the computation of net periodic benefit cost for pension and other postretirement benefits (see Note L). </div></div><div class="item-list-element-wrapper" style="display:flex;margin-top:0;justify-content:flex-start;align-items:baseline;margin-bottom:0;min-width:2.269%;text-align:left;">(2)<div style="width:100%;display:inline;">These amounts were reported in Provision for income taxes on the accompanying Statement of Consolidated Operations. </div></div><div class="item-list-element-wrapper" style="display:flex;margin-top:0;justify-content:flex-start;align-items:baseline;margin-bottom:0;min-width:2.269%;text-align:left;">(3)<div style="width:100%;display:inline;">These amounts were reported in Sales on the accompanying Statement of Consolidated Operations. </div></div><div class="item-list-element-wrapper" style="display:flex;margin-top:0;justify-content:flex-start;align-items:baseline;margin-bottom:0;min-width:2.269%;text-align:left;">(4)<div style="width:100%;display:inline;">These amounts were reported in Cost of goods sold on the accompanying Statement of Consolidated Operations. </div></div><div class="item-list-element-wrapper" style="display:flex;margin-top:0;justify-content:flex-start;align-items:baseline;margin-bottom:0;min-width:2.269%;text-align:left;">(5)<div style="width:100%;display:inline;">These amounts were reported in Other (income) expenses, net on the accompanying Statement of Consolidated Operations. </div></div><div class="item-list-element-wrapper" style="display:flex;margin-top:0;justify-content:flex-start;align-items:baseline;margin-bottom:0;min-width:2.269%;text-align:left;">(6)<div style="width:100%;display:inline;">For the second quarter and six-month period of 2024, these amounts were reported in Sales (both periods) on the accompanying Statement of

*Consolidated Operations. For the second quarter and six-month period of 2023, $4 was reported in Cost of goods sold (both periods) and $(7) and $(12) were reported in Sales, respectively, on the accompanying Statement of Consolidated Operations.</div></div><div class="item-list-element-wrapper" style="display:flex;margin-top:0;justify-content:flex-start;align-items:baseline;margin-bottom:0;min-width:2.269%;text-align:left;">(7)<div style="width:100%;display:inline;">A positive amount indicates a corresponding charge to earnings and a negative amount indicates a corresponding benefit to earnings. </div></div>-9000000-6600000140000005000000-1000000018000000-70000002000000-20000008000000-2000000-800000010000000-500000020000005000000260000060000005000000200000-13000000-10000000-50000002000000-22000000-760000009000007000000-2715000000-2683000000-1037000000-1025000000-6000000250000000-1600000011000000-2775000000-2658000000-1053000000-1014000000-922000000-1038000001000000-153000000241000000-3100000038000000-12200000203000000-75000000-330000001000000300000010000003000000-74000000-27000001000000-14000000-4000000-60000000-23000001000000062000000-226000001000000-984000000-812000000-100000010000000-3737000000-3394000000-1063000000-1020000000-6200000015000000500000-14000000180000000-700000020000000-30000008000000-2000000-1100000010000000-500000020000000110000003000000010000006000000110000002400000010000000-2200000014000000-60000002000000-22000000-760000009000007000000-2593000000-2685000000-983000000-1040000000-1820000002700000-70000002600000-2775000000-2658000000-1053000000-1014000000-1052000000-9160000001000000-3600000054000000-360000054000000-132000000-940000002000000010000000020000001000000040000008000000-127000000-64000001000000-23000000-14000000-1040000000-500000010000000-68000000-1040000001000000-984000000-812000000-100000010000000-3737000000-3394000000-1063000000-1020000000-4000000-40000000-70000000-12000000<p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">H. Investments - A summary of unaudited financial information for Alcoa Corporation's equity investments is as follows (amounts represent 100% of investee financial information):</p><div style="font-size:10pt;font-family:Times New Roman;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p> <table style="margin-left:auto;border-spacing:0;table-layout:fixed;width:100.0%;border-collapse:separate;margin-right:auto;"> <tr style="visibility:collapse;"> <td style="width:45.713%;"></td> <td style="width:1.299%;"></td> <td style="width:1%;"></td> <td style="width:10.272%;"></td> <td style="width:1%;"></td> <td style="width:1.299%;"></td> <td style="width:1%;"></td> <td style="width:10.272%;"></td> <td style="width:1%;"></td> <td style="width:1.299%;"></td> <td style="width:1%;"></td> <td style="width:10.272%;"></td> <td style="width:1%;"></td> <td style="width:1.299%;"></td> <td style="width:1%;"></td> <td style="width:10.272%;"></td> <td style="width:1%;"></td> </tr> <tr style="height:10pt;background-color:#ffffff;white-space:pre-wrap;word-break:break-word;"> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">Second quarter ended June 30, 2024</p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td colspan="2" style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;">Saudi Arabia
Joint Venture</p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"> </p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td colspan="2" style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;">Mining</p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"> </p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td colspan="2" style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;">Energy</p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"> </p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p*

	Other							
Sales	$	804	$	158	$	59	$	114
Cost of goods sold		613		104		25		

```
space:pre-wrap;min-width:fit-content;"> </span></p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"><span style="min-width:fit-content;"> </span></p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"><span style="color:#000000;white-space:pre-wrap;min-width:fit-content;">104</span></p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"><span style="min-width:fit-content;"> </span></p></td> </tr> <tr style="height:10pt;background-color:#cff0fc;word-break:break-word;"> <td style="white-space:pre-wrap;vertical-align:top;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"><span style="color:#000000;white-space:pre-wrap;min-width:fit-content;">Net income (loss)</span></p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"><span style="white-space:pre-wrap;min-width:fit-content;"> </span></p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"><span style="min-width:fit-content;"> </span></p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"><span style="color:#000000;white-space:pre-wrap;min-width:fit-content;">102</span></p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"><span style="min-width:fit-content;"> </span></p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"><span style="white-space:pre-wrap;min-width:fit-content;"> </span></p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"><span style="min-width:fit-content;"> </span></p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"><span style="color:#000000;white-space:pre-wrap;min-width:fit-content;">14</span></p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"><span style="min-width:fit-content;"> </span></p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"><span style="white-space:pre-wrap;min-width:fit-content;"> </span></p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"><span style="min-width:fit-content;"> </span></p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"><span style="color:#000000;white-space:pre-wrap;min-width:fit-content;">29</span></p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"><span style="min-width:fit-content;"> </span></p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"><span style="white-space:pre-wrap;min-width:fit-content;"> </span></p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"><span style="min-width:fit-content;"> </span></p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"><span style="color:#000000;white-space:pre-wrap;min-width:fit-content;">(</span><span style="color:#000000;white-space:pre-wrap;min-width:fit-content;">20</span></p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"><span style="color:#000000;min-width:fit-content;">)</span></p></td> </tr> <tr style="height:10pt;background-color:#ffffff;word-break:break-word;"> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"><span style="color:#000000;white-space:pre-wrap;min-width:fit-content;">Equity in net income (loss) of affiliated companies, <br/>   before reconciling adjustments</span></p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"><span style="white-space:pre-wrap;min-width:fit-content;"> </span></p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"><span style="min-width:fit-content;"> </span></p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"><span style="color:#000000;white-space:pre-wrap;min-width:fit-content;">26</span></p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"><span style="min-width:fit-content;"> </span></p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"><span style="white-space:pre-wrap;min-width:fit-content;"> </span></p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"><span style="min-width:fit-content;"> </span></p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"><span style="color:#000000;white-space:pre-wrap;min-width:fit-content;">6</span></p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"><span style="min-width:fit-content;"> </span></p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"><span style="white-space:pre-wrap;min-width:fit-content;"> </span></p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"><span style="min-width:fit-content;"> </span></p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"><span style="color:#000000;white-space:pre-wrap;min-width:fit-content;">11</span></p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"><span style="min-width:fit-content;"> </span></p></td> <td
```

			(9)					
Other			(4)		—		—	12
Alcoa Corporation's equity in net income of affiliated companies			22				6	

style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">11</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">3</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> </tr> <tr style="background-color:#ffffff;white-space:pre-wrap;word-break:break-word;"> <td style="vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td colspan="2" style="vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td colspan="2" style="vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td colspan="2" style="vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td colspan="2" style="vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> </tr> <tr style="height:10pt;background-color:#ffffff;white-space:pre-wrap;word-break:break-word;"> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">Second quarter ended June 30, 2023</p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td colspan="2" style="vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td colspan="2" style="vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td colspan="2" style="vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td colspan="2" style="vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> </tr> <tr style="height:10pt;background-color:#cff0fc;word-break:break-word;"> <td style="white-space:pre-

wrap;vertical-align:top;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">Sales</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:top;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">$</p></td> <td style="white-space:pre-wrap;vertical-align:top;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">700</p></td> <td style="white-space:nowrap;vertical-align:top;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:top;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:top;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">$</p></td> <td style="white-space:pre-wrap;vertical-align:top;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">172</p></td> <td style="white-space:nowrap;vertical-align:top;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:top;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:top;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">$</p></td> <td style="white-space:pre-wrap;vertical-align:top;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">59</p></td> <td style="white-space:nowrap;vertical-align:top;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:top;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:top;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">$</p></td> <td style="white-space:pre-wrap;vertical-align:top;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">116</p></td> <td style="white-space:nowrap;vertical-align:top;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> </tr> <tr style="height:10pt;background-color:#ffffff;word-break:break-word;"> <td style="white-space:pre-wrap;vertical-align:top;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">Cost of goods sold</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">620</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">101</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">32</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">106</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> </tr> <tr style="height:10pt;background-color:#cff0fc;word-break:break-

word;"> <td style="white-space:pre-wrap;vertical-align:top;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">Net (loss) income</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:top;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:top;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">(99</p></td> <td style="white-space:nowrap;vertical-align:top;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">)</p></td> <td style="white-space:pre-wrap;vertical-align:top;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:top;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:top;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">14</p></td> <td style="white-space:nowrap;vertical-align:top;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:top;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:top;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:top;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">22</p></td> <td style="white-space:nowrap;vertical-align:top;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:top;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:top;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:top;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">(33</p></td> <td style="white-space:nowrap;vertical-align:top;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">)</p></td> </tr> <tr style="height:10pt;background-color:#ffffff;word-break:break-word;"> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">Equity in net (loss) income of affiliated companies,
  before reconciling adjustments</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">(25</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">)</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">6</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">9</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">(<span

style="color:#000000;white-space:pre-wrap;min-width:fit-content;">15</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">)</p></td> </tr> <tr style="height:10pt;background-color:#cff0fc;word-break:break-word;"> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">Other</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">(3</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">)</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">1</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">1</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">7</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> </tr> <tr style="height:10pt;background-color:#ffffff;word-break:break-word;"> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">Alcoa Corporation's equity in net (loss) income of <br/> affiliated companies</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">(28</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">)</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">7</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">10</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-

align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">(8</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">)</p></td> </tr> <tr style="background-color:#ffffff;white-space:pre-wrap;word-break:break-word;"> <td style="vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td colspan="2" style="vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td colspan="2" style="vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td colspan="2" style="vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td colspan="2" style="vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> </tr> <tr style="height:10pt;background-color:#ffffff;white-space:pre-wrap;word-break:break-word;"> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">Six months ended June 30, 2024</p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td colspan="2" style="vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td colspan="2" style="vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td colspan="2" style="vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td colspan="2" style="vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> </tr> <tr style="height:10pt;background-color:#cff0fc;word-break:break-word;"> <td style="white-space:pre-wrap;vertical-align:top;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">Sales</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-

	$	1,515			$	273			$	122
					$	229				
Cost of goods sold			1,212			207			50	
		209								
Net income (loss)										

space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">94</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">9</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">60</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">(36</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">)</p></td> </tr> <tr style="height:10pt;background-color:#ffffff;word-break:break-word;"> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">Equity in net income (loss) of affiliated companies,
  before reconciling adjustments</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">24</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">4</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">23</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">(17</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">)</p></td> </tr> <tr style="height:10pt;background-color:#cff0fc;word-break:break-word;"> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"><span style="color:#000000;white-space:pre-wrap;min-width:fit-

content;">Other</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">(12</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">)</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">—</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">(1</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">)</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">7</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> </tr> <tr style="height:10pt;background-color:#ffffff;word-break:break-word;"> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">Alcoa Corporation's equity in net income (loss) of
    affiliated companies</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">12</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">4</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">22</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-

align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">(10</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">)</p></td> </tr> <tr style="background-color:#ffffff;white-space:pre-wrap;word-break:break-word;"> <td style="vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td colspan="2" style="vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td colspan="2" style="vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td colspan="2" style="vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td colspan="2" style="vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> </tr> <tr style="height:10pt;background-color:#ffffff;white-space:pre-wrap;word-break:break-word;"> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">Six months ended June 30, 2023</p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td colspan="2" style="vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td colspan="2" style="vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td colspan="2" style="vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td colspan="2" style="vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> </tr> <tr style="height:10pt;background-color:#cff0fc;word-break:break-word;"> <td style="white-space:pre-wrap;vertical-align:top;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">Sales</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:top;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">$</p></td> <td style="white-space:pre-wrap;vertical-align:top;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">1,300</p></td> <td style="white-space:nowrap;vertical-align:top;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"><span style="min-

		$	359			$	117			$	237
Cost of goods sold			1,302				204				59				219
Net (loss) income			(351									

family:Times New Roman;margin-bottom:0;text-align:left;">)</p></td> <td style="white-space:pre-wrap;vertical-align:top;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:top;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:top;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">38</p></td> <td style="white-space:nowrap;vertical-align:top;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:top;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:top;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:top;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">46</p></td> <td style="white-space:nowrap;vertical-align:top;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:top;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:top;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:top;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">(49</p></td> <td style="white-space:nowrap;vertical-align:top;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">)</p></td> </tr> <tr style="height:10pt;background-color:#ffffff;word-break:break-word;"> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">Equity in net (loss) income of affiliated companies,
   before reconciling adjustments</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">(88</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">)</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">17</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">18</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">(23</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">)</p></td> </tr> <tr style="height:10pt;background-color:#cff0fc;word-break:break-word;"> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">Other</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-

align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">(15</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">)</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">1</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">1</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">—</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> </tr> <tr style="height:10pt;background-color:#ffffff;word-break:break-word;"> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">Alcoa Corporation's equity in net (loss) income of
   affiliated companies</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">(103</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">)</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">18</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">19</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">(23</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-

The Company's basis in the ELYSIS[TM] Limited Partnership (ELYSIS) as of June 30, 2024 and 2023, included in Other in the table above, has been reduced to zero for its share of losses incurred to date. As a result, the Company has $66 in unrecognized losses as of June 30, 2024 that will be recognized upon additional contributions into the partnership.

The results for the Saudi Arabia joint venture for the six-month period of 2023 include an adjustment to the estimate for the settlement of a dispute with an industrial utility for periods in 2021 and 2022. Alcoa's share of this adjustment is $41 which is included in Other (income) expenses, net on the Statement of Consolidated Operations for the six-month period of 2023. Alcoa's total share of this dispute of $62 includes $21 that was recorded in the fourth quarter of 2022.

A summary of unaudited financial information for Alcoa Corporation's equity investments is as follows (amounts represent 100% of investee financial information):

Second quarter ended June 30, 2024	Saudi Arabia Joint Venture	Mining	Energy

style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td colspan="2" style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;">Other</p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"> </p></td> </tr> <tr style="height:10pt;background-color:#cff0fc;word-break:break-word;"> <td style="white-space:pre-wrap;vertical-align:top;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">Sales</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">$</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">804</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">$</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">158</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">$</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">59</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">$</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">114</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> </tr> <tr style="height:10pt;background-color:#ffffff;word-break:break-word;"> <td style="white-space:pre-wrap;vertical-align:top;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">Cost of goods sold</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">613</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">104</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">25</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"><span style="white-

space:pre-wrap;min-width:fit-content;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">104</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> </tr> <tr style="height:10pt;background-color:#cff0fc;word-break:break-word;"> <td style="white-space:pre-wrap;vertical-align:top;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">Net income (loss)</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">102</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">14</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">29</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">(20</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">)</p></td> </tr> <tr style="height:10pt;background-color:#ffffff;word-break:break-word;"> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">Equity in net income (loss) of affiliated companies, <br/> before reconciling adjustments</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">26</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">6</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">11</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td

```
style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"><span style="white-space:pre-wrap;min-width:fit-content;"> </span></p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"><span style="min-width:fit-content;"> </span></p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"><span style="color:#000000;white-space:pre-wrap;min-width:fit-content;">(</span><span style="color:#000000;white-space:pre-wrap;min-width:fit-content;">9</span></p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"><span style="color:#000000;min-width:fit-content;">)</span></p></td> </tr> <tr style="height:10pt;background-color:#cff0fc;word-break:break-word;"> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"><span style="color:#000000;white-space:pre-wrap;min-width:fit-content;">Other</span></p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"><span style="white-space:pre-wrap;min-width:fit-content;"> </span></p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"><span style="min-width:fit-content;"> </span></p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"><span style="color:#000000;white-space:pre-wrap;min-width:fit-content;">(</span><span style="color:#000000;white-space:pre-wrap;min-width:fit-content;">4</span></p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"><span style="color:#000000;min-width:fit-content;">)</span></p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"><span style="white-space:pre-wrap;min-width:fit-content;"> </span></p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"><span style="min-width:fit-content;"> </span></p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"><span style="color:#000000;white-space:pre-wrap;min-width:fit-content;">—</span></p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"><span style="min-width:fit-content;"> </span></p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"><span style="white-space:pre-wrap;min-width:fit-content;"> </span></p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"><span style="min-width:fit-content;"> </span></p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"><span style="color:#000000;white-space:pre-wrap;min-width:fit-content;">—</span></p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"><span style="min-width:fit-content;"> </span></p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"><span style="white-space:pre-wrap;min-width:fit-content;"> </span></p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"><span style="min-width:fit-content;"> </span></p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"><span style="color:#000000;white-space:pre-wrap;min-width:fit-content;">12</span></p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"><span style="min-width:fit-content;"> </span></p></td> </tr> <tr style="height:10pt;background-color:#ffffff;word-break:break-word;"> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"><span style="color:#000000;white-space:pre-wrap;min-width:fit-content;">Alcoa Corporation's equity in net income of <br/> affiliated companies</span></p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"><span style="white-space:pre-wrap;min-width:fit-content;"> </span></p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"><span style="min-width:fit-content;"> </span></p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"><span style="color:#000000;white-space:pre-wrap;min-width:fit-content;">22</span></p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"><span style="min-width:fit-content;"> </span></p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"><span style="white-space:pre-wrap;min-width:fit-content;"> </span></p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"><span style="min-width:fit-content;"> </span></p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"><span style="color:#000000;white-space:pre-wrap;min-width:fit-content;">6</span></p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"><span style="min-width:fit-content;"> </span></p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"><span style="white-space:pre-wrap;min-width:fit-content;"> </span></p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p
```

style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">11</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">3</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> </tr> <tr style="background-color:#ffffff;white-space:pre-wrap;word-break:break-word;"> <td style="vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td colspan="2" style="vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td colspan="2" style="vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td colspan="2" style="vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td colspan="2" style="vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> </tr> <tr style="height:10pt;background-color:#ffffff;white-space:pre-wrap;word-break:break-word;"> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">Second quarter ended June 30, 2023</p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td colspan="2" style="vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td colspan="2" style="vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td colspan="2" style="vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td colspan="2" style="vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> </tr> <tr style="height:10pt;background-color:#cff0fc;word-break:break-word;"> <td style="white-space:pre-

wrap;vertical-align:top;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">Sales</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:top;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">$</p></td> <td style="white-space:pre-wrap;vertical-align:top;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">700</p></td> <td style="white-space:nowrap;vertical-align:top;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:top;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:top;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">$</p></td> <td style="white-space:pre-wrap;vertical-align:top;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">172</p></td> <td style="white-space:nowrap;vertical-align:top;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:top;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:top;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">$</p></td> <td style="white-space:pre-wrap;vertical-align:top;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">59</p></td> <td style="white-space:nowrap;vertical-align:top;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:top;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:top;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">$</p></td> <td style="white-space:pre-wrap;vertical-align:top;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">116</p></td> <td style="white-space:nowrap;vertical-align:top;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> </tr> <tr style="height:10pt;background-color:#ffffff;word-break:break-word;"> <td style="white-space:pre-wrap;vertical-align:top;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">Cost of goods sold</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">620</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">101</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">32</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">106</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> </tr> <tr style="height:10pt;background-color:#cff0fc;word-break:break-

word;"> <td style="white-space:pre-wrap;vertical-align:top;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">Net (loss) income</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:top;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:top;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">(99</p></td> <td style="white-space:nowrap;vertical-align:top;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">)</p></td> <td style="white-space:pre-wrap;vertical-align:top;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:top;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:top;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">14</p></td> <td style="white-space:nowrap;vertical-align:top;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:top;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:top;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:top;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">22</p></td> <td style="white-space:nowrap;vertical-align:top;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:top;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:top;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:top;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">(33</p></td> <td style="white-space:nowrap;vertical-align:top;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">)</p></td> </tr> <tr style="height:10pt;background-color:#ffffff;word-break:break-word;"> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">Equity in net (loss) income of affiliated companies,
    before reconciling adjustments</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">(25</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">)</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">6</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">9</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">(<span

15)

Other		(3)		1		1		7
Alcoa Corporation's equity in net (loss) income of affiliated companies		(28)		7		10		

align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">(8</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">)</p></td> </tr> <tr style="background-color:#ffffff;white-space:pre-wrap;word-break:break-word;"> <td style="vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td colspan="2" style="vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td colspan="2" style="vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td colspan="2" style="vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td colspan="2" style="vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> </tr> <tr style="height:10pt;background-color:#ffffff;white-space:pre-wrap;word-break:break-word;"> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">Six months ended June 30, 2024</p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td colspan="2" style="vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td colspan="2" style="vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td colspan="2" style="vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td colspan="2" style="vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> </tr> <tr style="height:10pt;background-color:#cff0fc;word-break:break-word;"> <td style="white-space:pre-wrap;vertical-align:top;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">Sales</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-

	$	1,515			$	273			$	122			$	229	
Cost of goods sold			1,212				207				50				209
Net income (loss)															

space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">94</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">9</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">60</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">(36</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">)</p></td> </tr> <tr style="height:10pt;background-color:#ffffff;word-break:break-word;"> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">Equity in net income (loss) of affiliated companies,
   before reconciling adjustments</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">24</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">4</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">23</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">(17</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">)</p></td> </tr> <tr style="height:10pt;background-color:#cff0fc;word-break:break-word;"> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"><span style="color:#000000;white-space:pre-wrap;min-width:fit-

content;">Other</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">(12</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">)</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">—</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">(1</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">)</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">7</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> </tr> <tr style="height:10pt;background-color:#ffffff;word-break:break-word;"> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">Alcoa Corporation's equity in net income (loss) of
    affiliated companies</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">12</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">4</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">22</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-

align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">(10</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">)</p></td> </tr> <tr style="background-color:#ffffff;white-space:pre-wrap;word-break:break-word;"> <td style="vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td colspan="2" style="vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td colspan="2" style="vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td colspan="2" style="vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td colspan="2" style="vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> </tr> <tr style="height:10pt;background-color:#ffffff;white-space:pre-wrap;word-break:break-word;"> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">Six months ended June 30, 2023</p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td colspan="2" style="vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td colspan="2" style="vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td colspan="2" style="vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td colspan="2" style="vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> </tr> <tr style="height:10pt;background-color:#cff0fc;word-break:break-word;"> <td style="white-space:pre-wrap;vertical-align:top;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">Sales</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:top;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">$</p></td> <td style="white-space:pre-wrap;vertical-align:top;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">1,300</p></td> <td style="white-space:nowrap;vertical-align:top;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"><span style="min-

| | | | $ 359 | | | $ 117 | | | $ 237 | |

| Cost of goods sold | | | 1,302 | | | 204 | | | 59 | | | 219 | |

| Net (loss) income | | | (351 | |

```
family:Times New Roman;margin-bottom:0;text-align:left;"><span style="color:#000000;min-width:fit-content;">)</span></p></td> <td style="white-space:pre-wrap;vertical-align:top;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"><span style="white-space:pre-wrap;min-width:fit-content;"> </span></p></td> <td style="white-space:nowrap;vertical-align:top;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"><span style="min-width:fit-content;"> </span></p></td> <td style="white-space:pre-wrap;vertical-align:top;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"><span style="color:#000000;white-space:pre-wrap;min-width:fit-content;">38</span></p></td> <td style="white-space:nowrap;vertical-align:top;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"><span style="min-width:fit-content;"> </span></p></td> <td style="white-space:pre-wrap;vertical-align:top;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"><span style="white-space:pre-wrap;min-width:fit-content;"> </span></p></td> <td style="white-space:nowrap;vertical-align:top;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"><span style="min-width:fit-content;"> </span></p></td> <td style="white-space:pre-wrap;vertical-align:top;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"><span style="color:#000000;white-space:pre-wrap;min-width:fit-content;">46</span></p></td> <td style="white-space:nowrap;vertical-align:top;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"><span style="min-width:fit-content;"> </span></p></td> <td style="white-space:pre-wrap;vertical-align:top;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"><span style="white-space:pre-wrap;min-width:fit-content;"> </span></p></td> <td style="white-space:nowrap;vertical-align:top;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"><span style="min-width:fit-content;"> </span></p></td> <td style="white-space:pre-wrap;vertical-align:top;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"><span style="color:#000000;white-space:pre-wrap;min-width:fit-content;">(</span><span style="color:#000000;white-space:pre-wrap;min-width:fit-content;">49</span></p></td> <td style="white-space:nowrap;vertical-align:top;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"><span style="color:#000000;min-width:fit-content;">)</span></p></td> </tr> <tr style="height:10pt;background-color:#ffffff;word-break:break-word;"> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"><span style="color:#000000;white-space:pre-wrap;min-width:fit-content;">Equity in net (loss) income of affiliated companies, <br/>   before reconciling adjustments</span></p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"><span style="white-space:pre-wrap;min-width:fit-content;"> </span></p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"><span style="min-width:fit-content;"> </span></p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"><span style="color:#000000;white-space:pre-wrap;min-width:fit-content;">(</span><span style="color:#000000;white-space:pre-wrap;min-width:fit-content;">88</span></p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"><span style="color:#000000;min-width:fit-content;">)</span></p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"><span style="white-space:pre-wrap;min-width:fit-content;"> </span></p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"><span style="min-width:fit-content;"> </span></p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"><span style="color:#000000;white-space:pre-wrap;min-width:fit-content;">17</span></p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"><span style="min-width:fit-content;"> </span></p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"><span style="white-space:pre-wrap;min-width:fit-content;"> </span></p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"><span style="min-width:fit-content;"> </span></p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"><span style="color:#000000;white-space:pre-wrap;min-width:fit-content;">18</span></p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"><span style="min-width:fit-content;"> </span></p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"><span style="white-space:pre-wrap;min-width:fit-content;"> </span></p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"><span style="min-width:fit-content;"> </span></p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"><span style="color:#000000;white-space:pre-wrap;min-width:fit-content;">(</span><span style="color:#000000;white-space:pre-wrap;min-width:fit-content;">23</span></p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"><span style="color:#000000;min-width:fit-content;">)</span></p></td> </tr> <tr style="height:10pt;background-color:#cff0fc;word-break:break-word;"> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"><span style="color:#000000;white-space:pre-wrap;min-width:fit-content;">Other</span></p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"><span style="white-space:pre-wrap;min-width:fit-content;"> </span></p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"><span style="min-width:fit-content;"> </span></p></td> <td style="white-space:pre-wrap;vertical-
```

align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">(15</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">)</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">1</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">1</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">—</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> </tr> <tr style="height:10pt;background-color:#ffffff;word-break:break-word;"> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">Alcoa Corporation's equity in net (loss) income of
    affiliated companies</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">(103</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">)</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">18</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">19</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">(23</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-

)

8040000015800000590000001140000061300000104000002500000010400000010200000014000000290000002600000600000011000000-9000000400000000-120000002200000060000001100000300000070000000172000000590000001160000006200000010100000032990000014000000220000000-33000000-250000006000000900000000-150000003000000-1000000-1000000-7000000-28000007000000100000000-8000000151500000273000001220000022900000012120000020700000050000000209000000940000009000000360000002400000040000002300000-170000001200000001000000-70000012000000400000022000000-10000000130000000359000001170000023700000130200000204000005900000021900000035100000380000046000000-49000000-88000001700000180000002300000150000001000000-100000010300000180000019000002300000000-660000004100000062000002100000

I. Receivables

In 2023, a wholly-owned special purpose entity (SPE) of the Company entered into and subsequently amended an agreement with a financial institution to sell up to $130 of certain customer receivables without recourse on a revolving basis. The termination date of the agreement is November 14, 2024. Company subsidiaries sell customer receivables to the SPE, which then transfers the receivables to the financial institution. The Company does not maintain effective control over the transferred receivables, and therefore accounts for the transfers as sales of receivables.

Alcoa Corporation guarantees the performance obligations of the Company subsidiaries, and unsold customer receivables are pledged as collateral to the financial institution to secure the sold receivables. The SPE held unsold customer receivables of $239 and $104 pledged as collateral against the sold receivables as of June 30, 2024 and December 31, 2023, respectively.

The Company continues to service the customer receivables that were transferred to the financial institution. As Alcoa collects customer payments, the SPE transfers additional receivables to the financial institution rather than remitting cash.

In the second quarter of 2024, the Company sold gross customer receivables of $293 and reinvested collections of $293 from previously sold receivables, resulting in no net cash remittance to the financial institution. In the six-month period of 2024, the Company sold gross customer receivables of $600 and reinvested collections of $584 from previously sold receivables, resulting in net cash proceeds from the financial institution of $16.

In the second quarter of 2023, the Company sold gross customer receivables of $98 and reinvested collections of $104 from previously sold receivables, resulting in a net cash remittance to the financial institution of $

width:fit-content;">6. In the six-month period of 2023, the Company sold gross customer receivables of $174 and reinvested collections of $127 from previously sold receivables, resulting in net cash proceeds from the financial institution of $47.</p><p style="font-size:10pt;margin-top:9pt;font-family:Times New Roman;margin-bottom:0;text-align:left;">Cash collections from previously sold receivables yet to be reinvested of $89 and $99 were included in Accounts payable, trade on the accompanying Consolidated Balance Sheet as of June 30, 2024 and December 31, 2023, respectively. Cash received from sold receivables under the agreement are presented within operating activities in the Statement of Consolidated Cash Flows.</p>13000000023900000010400000029300000029300000060000000058400000160000009800000010400000
style="font-size:10pt;margin-top:12pt;font-family:Times New Roman;margin-bottom:0;text-align:left;">J. Inventories </p><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p><div style="font-size:10pt;font-family:Times New Roman;"> <table style="margin-left:auto;border-spacing:0;table-layout:fixed;width:100.0%;border-collapse:separate;margin-right:auto;"> <tr style="visibility:collapse;"> <td style="width:54.72%;"></td> <td style="width:1.88%;"></td> <td style="width:1%;"></td> <td style="width:18.759999999999998%;"></td> <td style="width:1%;"></td> <td style="width:1.88%;"></td> <td style="width:1%;"></td> <td style="width:18.759999999999998%;"></td> <td style="width:1%;"></td> </tr> <tr style="height:9pt;background-color:#ffffff;white-space:pre-wrap;word-break:break-word;"> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"> </p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td colspan="2" style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;">June 30, 2024</p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"> </p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td colspan="2" style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;">December 31, 2023</p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"> </p></td> </tr> <tr style="height:10pt;background-color:#cff0fc;word-break:break-word;"> <td style="white-space:pre-wrap;vertical-align:top;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">Finished goods</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">$</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">320</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">$</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">355</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"><span style="min-

Work-in-process			268				287	
Bauxite and alumina			530				586	
Purchased raw materials			612				700	
Operating supplies			245					

#000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">230</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> </tr> <tr style="height:10pt;background-color:#ffffff;word-break:break-word;"> <td style="white-space:pre-wrap;vertical-align:top;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">$</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">1,975</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">$</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">2,158</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> </tr> </table></div> <table style="margin-left:auto;border-spacing:0;table-layout:fixed;width:100.0%;border-collapse:separate;margin-right:auto;"> <tr style="visibility:collapse;"> <td style="width:54.72%;"></td> <td style="width:1.88%;"></td> <td style="width:1%;"></td> <td style="width:18.759999999999998%;"></td> <td style="width:1%;"></td> <td style="width:1.88%;"></td> <td style="width:1%;"></td> <td style="width:18.759999999999998%;"></td> <td style="width:1%;"></td> </tr> <tr style="height:9pt;background-color:#ffffff;white-space:pre-wrap;word-break:break-word;"> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"> </p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td colspan="2" style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;">June 30, 2024</p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"> </p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td colspan="2" style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;">December 31, 2023</p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"> </p></td> </tr> <tr style="height:10pt;background-color:#cff0fc;word-break:break-word;"> <td style="white-space:pre-wrap;vertical-align:top;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">Finished goods</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">$</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">320</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">$</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">355</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-

Work-in-process			268				287	
Bauxite and alumina			530				586	
Purchased raw materials			612			700		
Operating supplies			245					

230

$ 1,975

$ 2,158

K. Debt

Short-term Borrowings

Inventory Repurchase Agreements

The Company has entered into inventory repurchase agreements whereby the Company sold aluminum to a third party and agreed to subsequently repurchase substantially similar inventory. The Company did not record sales upon each shipment of inventory and the net cash received of $31 and $56 related to these agreements was recorded in Short-term borrowings within Other current liabilities on the Consolidated Balance Sheet as of June 30, 2024 and December 31, 2023, respectively. The associated inventory sold was reflected in Prepaid expenses and other current assets on the Consolidated Balance Sheet as of June 30, 2024 and December 31, 2023, respectively.

During the second quarter and six-month period of 2024, the Company recorded borrowings of $24 and $45, respectively, and repurchased $45 and $70, respectively, of inventory related to these agreements. During the second quarter and six-month period of 2023, the Company recorded borrowings of $25 (six-month period only) and repurchased $

(both periods) of inventory related to these agreements.

The cash received and subsequently paid under the inventory repurchase agreements is included in Cash provided from financing activities on the Statement of Consolidated Cash Flows.

144A Debt

2031 Notes

In March 2024, Alcoa Nederland Holding B.V. (ANHBV), a wholly-owned subsidiary of Alcoa Corporation, completed a Rule 144A (U.S. Securities Act of 1933, as amended) debt issuance for $750 aggregate principal amount of 7.125% Senior Notes due 2031 (the 2031 Notes), which carry a green bond designation. The net proceeds of this issuance were $737, reflecting a discount to the initial purchasers of the 2031 Notes as well as issuance costs. The Company is utilizing the net proceeds to finance and/or refinance, in whole or in part, new and/or existing qualifying projects on a two-year look back and three-year look forward that meet certain eligibility criteria within its Green Finance Framework. The net proceeds also support the Company's cash position and ongoing cash needs, including with respect to its previously announced portfolio actions.

The discount to the initial purchasers, as well as costs to complete the financing, were deferred and are being amortized to interest expense over the term of the 2031 Notes. Interest on the 2031 Notes is paid semi-annually in March and September, and interest payments will commence September 15, 2024. The indenture contains customary affirmative and negative covenants that are similar to those included in the indenture that governs ANHBV's 4.125% Senior Notes due 2029 issued in March 2021, such as limitations on liens, limitations on sale and leaseback transactions, a prohibition on a reduction in the ownership of AWAC entities below an agreed level, and the calculation of certain financial ratios.

ANHBV has the option to redeem the 2031 Notes on at least 10 days, but not more than 60 days, notice to the holders of the 2031 Notes under multiple scenarios, including, in whole or in part, at any time or from time to time on and after March 15, 2027, at the applicable redemption price specified in the indenture (up to 103.563% of the principal amount plus any accrued and unpaid interest in each case). Also, the 2031 Notes are subject to repurchase upon the occurrence of a change in control repurchase event (as defined in the indenture) at a repurchase price in cash equal to 101% of the aggregate principal amount of the 2031 Notes repurchased, plus any accrued and unpaid interest on the 2031 Notes repurchased.

The 2031 Notes are guaranteed on a senior unsecured basis by the Company and its subsidiaries that are party to the indenture. The 2031 Notes rank equally in right of payment with all of ANHBV's existing and future senior unsecured indebtedness, including the ANHBV's senior notes with maturities in 2027, 2028 and 2029; rank senior in right of payment to any future subordinated obligations of ANHBV; and are effectively subordinated to ANHBV's existing and future secured indebtedness, including under the Revolving Credit Agreement, to the extent of the value of property and assets securing such indebtedness. See Part II Item 8 of Alcoa Corporation's Annual Report on Form 10-K in Note M to the Consolidated Financial Statements for the year ended December 31, 2023 for more information related to ANHBV's existing debt and related covenants.

Revolving Credit Facility

The Company has a $1,250 revolving credit and letter of credit facility in place for working capital and/or other general corporate purposes (the Revolving Credit Facility). The Revolving Credit Facility, established in September 2016, amended and restated in June 2022 and amended in January 2024, is scheduled to mature in June 2027. Subject to the terms and conditions under the Revolving Credit Facility, the Company or ANHBV, a wholly-owned subsidiary of Alcoa Corporation, may borrow funds or issue letters of credit. Under the terms of the January 2024 amendment, the Company agreed to provide collateral for its obligations under the Revolving Credit Facility. See Part II Item 8 of Alcoa Corporation's Annual Report on Form 10-K in Note M to the Consolidated Financial Statements for the year ended December 31, 2023 for more information on the Revolving Credit Facility.

As of June 30, 2024, the Company was in compliance with all financial covenants. The Company may access the entire amount of commitments under the Revolving Credit Facility. There were no borrowings outstanding at June 30, 2024 and December 31, 2023, and no amounts were borrowed during the second quarter and six-month periods of 2024 and 2023 under the Revolving Credit Facility.

Japanese Yen Revolving Credit Facility

The Company entered into a $250 revolving credit facility available to be drawn in Japanese yen (the Japanese Yen Revolving Credit Facility) in April 2023. The Japanese Revolving Credit Facility was amended in January 2024 and in April 2024 (see below) and is scheduled to mature in April 2025. Subject to the terms and conditions under the facility, the Company or ANHBV may borrow funds. The facility includes covenants that are substantially the same as those included in the Revolving Credit Facility. Under the current terms of the January 2024 amendment, the Company agreed to provide collateral for its obligations under the Japanese Yen Revolving Credit Facility. See Part II Item 8 of Alcoa Corporation's Annual Report on Form 10-K in Note M to the Consolidated Financial Statements for the year ended December 31, 2023 for more information on the Japanese Yen Revolving Credit Facility.

As of June 30, 2024, the Company was in compliance with all financial covenants. The Company may access the entire amount of commitments under the Japanese Revolving Credit Facility. There were no borrowings outstanding at June 30, 2024 and December 31, 2023. During the second quarter of 2024, no amounts were borrowed. During the six-month period of 2024, $201 (29,686 JPY) was borrowed and $196

(29,686 JPY) was repaid. No amounts were borrowed during the second quarter and six-month period of 2023 under the Japanese Yen Revolving Credit Facility.

On April 26, 2024, the Company entered into an amendment extending the maturity of the Japanese Yen Revolving Credit Facility to April 2025.

Alumina Limited Revolving Credit Facility

In connection with the acquisition of Alumina Limited, the Company assumed approximately $385 of indebtedness as of August 1, 2024, representing the amount drawn on Alumina Limited's revolving credit facility.

Alumina Limited has a $500 revolving credit facility with tranches maturing in October 2025 ($100), January 2026 ($150), July 2026 ($150), and June 2027 ($100). Alumina Limited's facility contains a financial covenant limiting the incurrence of indebtedness. As of June 30, 2024, Alumina Limited was in compliance with such covenant and could access the remaining commitments under the facility.

Alumina Limited's revolving credit facility also contains a clause that allows a majority of lenders, upon a change of control, to issue a notice to Alumina Limited requiring repayment within 90 business days of issuing the notice (the 90-day Notice). Alcoa has engaged with the facility lenders and the lenders have indicated their intention to delay issuing the 90-day Notice until at least December 1, 2024, providing additional time for Alcoa to consider potential repayment or refinancing options subsequent to the acquisition of Alumina Limited.

310000056000002400000450000450000070000025000001500000150000075000000.071257annually2024-09-150.04125P10DP60D1.035631.0112500000000000000250000000000201000002968600000019600000029686000004385000000500000002025-101000000002026-011500000002026-071500000002027-06100000000

L. Pension and Other Postretirement Benefits

The components of net periodic benefit cost were as follows:

	Second quarter ended June 30,		Six months ended June 30,	
Pension benefits	2024	2023	2024	2023
Service cost	$ 3		$ 3	

		$	5			$	5	
Interest cost [1]			27			29		
			54			60		
Expected return on plan assets [1]			(35)					

	(37	)			(70	)			(76	)
Recognized net actuarial loss (1)			8			7			16			14	
Curtailments (2)								

wrap;min-width:fit-content;">—</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">—</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">1</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">—</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> </tr> <tr style="height:10pt;background-color:#ffffff;word-break:break-word;"> <td style="white-space:pre-wrap;vertical-align:top;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">Settlements(2)</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">(1</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">)</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">21</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">(1</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">)</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">21</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> </tr> <tr style="height:10pt;background-color:#cff0fc;word-break:break-word;"> <td style="white-space:pre-

wrap;vertical-align:top;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">Net periodic benefit cost</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">$</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">2</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">$</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">23</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">$</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">5</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">$</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">24</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> </tr> </table><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p> <table style="margin-left:auto;border-spacing:0;table-layout:fixed;width:100.0%;border-collapse:separate;margin-right:auto;"> <tr style="visibility:collapse;"> <td style="width:50.07%;"></td> <td style="width:1.3%;"></td> <td style="width:1%;"></td> <td style="width:9.182%;"></td> <td style="width:1%;"></td> <td style="width:1.3%;"></td> <td style="width:1%;"></td> <td style="width:9.182%;"></td> <td style="width:1%;"></td> <td style="width:1.3%;"></td> <td style="width:1%;"></td> <td style="width:9.182%;"></td> <td style="width:1%;"></td> <td style="width:1.3%;"></td> <td style="width:1%;"></td> <td style="width:9.182%;"></td> <td style="width:1%;"></td> </tr> <tr style="height:8pt;background-color:#ffffff;white-space:pre-wrap;word-break:break-word;"> <td style="vertical-align:bottom;text-align:left;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"> </p></td> <td style="vertical-align:bottom;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td colspan="6" style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;">Second quarter ended
June 30,</p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"> </p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #ffffff03;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td colspan="6" style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;">Six months ended
June 30,</p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"> </p></td> </tr> <tr style="height:8pt;background-color:#ffffff;white-space:pre-wrap;word-break:break-word;"> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">Other postretirement benefits</p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-

	2024		2023		2024		2023
Service cost	$	—	$	1	$	1	$ 2
Interest cost [1]							

	6				7			
	12				13			
Recognized net actuarial loss (1)		2			1		3	2
Amortization of prior service benefit (1)								

bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">(4</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">)</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">(4</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">)</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">(7</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">)</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">(7</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">)</p></td> </tr> <tr style="height:10pt;background-color:#cff0fc;word-break:break-word;"> <td style="border-top:0.5pt solid #000000;white-space:pre-wrap;vertical-align:top;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">Net periodic benefit cost</p></td> <td style="border-top:0.5pt solid #000000;white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="border-top:0.5pt solid #000000;white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">$</p></td> <td style="border-top:0.5pt solid #000000;white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">4</p></td> <td style="border-top:0.5pt solid #000000;white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="border-top:0.5pt solid #000000;white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="border-top:0.5pt solid #000000;white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">$</p></td> <td style="border-top:0.5pt solid #000000;white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">5</p></td> <td style="border-top:0.5pt solid #000000;white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="border-top:0.5pt solid #000000;white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="border-top:0.5pt solid #000000;white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">$</p></td> <td style="border-top:0.5pt solid #000000;white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">9</p></td> <td style="border-top:0.5pt solid #000000;white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="border-top:0.5pt solid #000000;white-space:pre-wrap;vertical-

align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="border-top:0.5pt solid #000000;white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">$</p></td> <td style="border-top:0.5pt solid #000000;white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">10</p></td> <td style="border-top:0.5pt solid #000000;white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> </tr> </table><p style="text-indent:-4.749%;padding-left:4.533%;font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p><div class="item-list-element-wrapper" style="display:flex;margin-top:6pt;justify-content:flex-start;align-items:baseline;margin-bottom:0;min-width:2.269%;text-align:left;">(1)<div style="width:100%;display:inline;">These amounts were reported in Other (income) expenses, net on the accompanying Statement of Consolidated Operations (see Note P).</div></div><div class="item-list-element-wrapper" style="display:flex;margin-top:0;justify-content:flex-start;align-items:baseline;margin-bottom:0;min-width:2.269%;text-align:left;">(2)<div style="width:100%;display:inline;">These amounts were reported in Restructuring and other charges, net on the accompanying Statement of Consolidated Operations and Cash Flows.</div></div></div><p style="font-size:10pt;margin-top:12pt;font-family:Times New Roman;margin-bottom:0;text-align:left;">Plan Actions. In 2024, management initiated the following actions to a certain pension plan:</p><p style="font-size:10pt;margin-top:9pt;font-family:Times New Roman;margin-bottom:0;text-align:left;">Action #1 – On January 8, 2024, Alcoa announced the full curtailment of the Kwinana refinery. As a result, curtailment accounting was triggered within Alcoa's Australian pension plan. The Company recorded a $1 decrease to Other noncurrent assets and recognized a curtailment loss of $1 ($0 after-tax) in Restructuring and other charges, net on the accompanying Statement of Consolidated Operations. </p><p style="font-size:10pt;margin-top:9pt;font-family:Times New Roman;margin-bottom:0;text-align:left;">Action #2 – In the second quarter of 2024, settlement accounting and a related plan remeasurement was triggered within Alcoa's Australian pension plan as a result of participants electing lump sum payments. Alcoa recorded a $19 increase to Other noncurrent assets and recognized a settlement gain of $1 ($0 after-tax) in Restructuring and other charges, net on the Statement of Consolidated Operations.</p><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p><div style="font-size:10pt;font-family:Times New Roman;"> <table style="margin-left:auto;border-spacing:0;table-layout:fixed;width:100.0%;border-collapse:separate;margin-right:auto;"> <tr style="visibility:collapse;"> <td style="width:8.762%;"></td> <td style="width:1%;"></td> <td style="width:11.362%;"></td> <td style="width:1%;"></td> <td style="width:14.803%;"></td> <td style="width:1%;"></td> <td style="width:11.782%;"></td> <td style="width:1%;"></td> <td style="width:12.963%;"></td> <td style="width:1%;"></td> <td style="width:1%;"></td> <td style="width:10.122%;"></td> <td style="width:1%;"></td> <td style="width:1%;"></td> <td style="width:1%;"></td> <td style="width:8.841999999999999%;"></td> <td style="width:1%;"></td> <td style="width:1%;"></td> <td style="width:1%;"></td> <td style="width:8.362%;"></td> <td style="width:1%;"></td> </tr> <tr style="height:8pt;background-color:#ffffff;white-space:pre-wrap;word-break:break-word;"> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-

align:center;">Action #</p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;">Number of
affected
plan
participants</p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;">Weighted
average
discount rate
as of prior plan remeasurement
date</p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;">Plan
remeasurement
date</p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;">Weighted
average
discount rate
as of plan
remeasurement
date</p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td colspan="2" style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;">Increase (decrease) to
other noncurrent assets</p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"> </p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td colspan="2" style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;">Curtailment
loss(1)</p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"> </p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td colspan="2" style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;">Settlement gain(2)</p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"> </p></td> </tr> <tr style="height:10pt;background-color:#cff0fc;word-break:break-word;"> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:left;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;">1</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:left;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:left;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;">~ 110</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:left;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:left;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;">N/A</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:left;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:left;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;">N/A</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:left;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;">N/A</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:left;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"><span style="white-space:pre-wrap;min-width:fit-

content;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">$</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">(1</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">)</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">$</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">1</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">$</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">—</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> </tr> <tr style="height:10pt;background-color:#ffffff;word-break:break-word;"> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;">2</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;">~10</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;">4.81%</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;">June 30, 2024</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;">5.23%</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">19</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">—</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">

	(	1	)																
		~120								$	18			$	1			$	(1)

(1) This amount represents the net actuarial loss arising from the curtailment and was recognized immediately in Restructuring and other charges, net on the accompanying Statement of Consolidated Operations.

width:2.269%;display:inline-flex;justify-content:flex-start;">(2)<div style="width:100%;display:inline;">This amount represents the net actuarial gain and was reclassified from Accumulated other comprehensive loss to Restructuring and other charges, net on the accompanying Statement of Consolidated Operations.</div></div></div><p style="font-size:10pt;margin-top:12pt;font-family:Times New Roman;margin-bottom:0;text-align:left;">Funding and Cash Flows. It is Alcoa's policy to fund amounts for defined benefit pension plans sufficient to meet the minimum requirements set forth in each applicable country's benefits laws and tax laws, including the Employee Retirement Income Security Act of 1974 (ERISA) for U.S. plans. From time to time, the Company contributes additional amounts as deemed appropriate.</p><p style="font-size:10pt;margin-top:9pt;font-family:Times New Roman;margin-bottom:0;text-align:left;">Under ERISA regulations, a plan sponsor that establishes a pre-funding balance by making discretionary contributions to a U.S. defined benefit pension plan may elect to apply all or a portion of this balance toward its minimum required contribution obligations to the related plan in future years. </p><p style="font-size:10pt;margin-top:9pt;font-family:Times New Roman;margin-bottom:0;text-align:left;">In the first and second quarters of 2024, management made such elections related to the Company's U.S. plans and intends to do so for the remainder of 2024. As a result, Alcoa's minimum required contribution to defined benefit pension plans in 2024 is estimated to be approximately $18, of which approximately $4 was contributed to non-U.S. plans during the second quarter of 2024. In the six-month period of 2024, $10 was contributed to non-U.S. plans.</p><p style="font-size:10pt;margin-top:9pt;font-family:Times New Roman;margin-bottom:0;text-align:left;">In the second quarter of 2023, $5 was contributed to non-U.S. plans. In six-month period of 2023, $9 was contributed to non-U.S. plans. </p><p style="font-size:10pt;margin-top:9pt;font-family:Times New Roman;margin-bottom:6pt;text-align:left;">The components of net periodic benefit cost were as follows:</p> <table style="margin-left:auto;border-spacing:0;table-layout:fixed;width:100.0%;border-collapse:separate;margin-right:auto;"> <tr style="visibility:collapse;"> <td style="width:50.07%;"></td> <td style="width:1.3%;"></td> <td style="width:1%;"></td> <td style="width:9.182%;"></td> <td style="width:1%;"></td> <td style="width:1.3%;"></td> <td style="width:1%;"></td> <td style="width:9.182%;"></td> <td style="width:1%;"></td> <td style="width:1.3%;"></td> <td style="width:1%;"></td> <td style="width:9.182%;"></td> <td style="width:1%;"></td> <td style="width:1.3%;"></td> <td style="width:1%;"></td> <td style="width:9.182%;"></td> <td style="width:1%;"></td> </tr> <tr style="height:8pt;background-color:#ffffff;white-space:pre-wrap;word-break:break-word;"> <td style="vertical-align:bottom;text-align:left;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"> </p></td> <td style="vertical-align:bottom;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td colspan="6" style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;">Second quarter ended
June 30,</p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"> </p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #ffffff03;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td colspan="6" style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;">Six months ended
June 30,</p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:8pt;margin-top:0;font-family:Times New

Roman;margin-bottom:0;text-align:center;"> </p></td> </tr> <tr style="height:8pt;background-color:#ffffff;white-space:pre-wrap;word-break:break-word;"> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">Pension benefits</p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td colspan="2" style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;">2024</p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"> </p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td colspan="2" style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;">2023</p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"> </p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td colspan="2" style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;">2024</p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"> </p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td colspan="2" style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;">2023</p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"> </p></td> </tr> <tr style="height:10pt;background-color:#cff0fc;word-break:break-word;"> <td style="white-space:pre-wrap;vertical-align:top;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">Service cost</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">$</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">3</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">$</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">3</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">$</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">5</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">$</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">5</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> </tr> <tr style="height:10pt;background-color:#ffffff;word-break:break-word;"> <td style="white-space:pre-wrap;vertical-align:top;"><p style="font-size:10pt;margin-top:0;font-

Interest cost (1)			27			29	
			54			60	
Expected return on plan assets (1)			(35)			(37)	
			(70)				

	(	76	)	
Recognized net actuarial loss (1)		8	7	16	14
Curtailments (2)		—	—	1	

New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">—</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> </tr> <tr style="height:10pt;background-color:#ffffff;word-break:break-word;"> <td style="white-space:pre-wrap;vertical-align:top;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">Settlements(2)</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">(1</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">)</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">21</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">(1</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">)</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">21</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> </tr> <tr style="height:10pt;background-color:#cff0fc;word-break:break-word;"> <td style="white-space:pre-wrap;vertical-align:top;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">Net periodic benefit cost</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">$</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">2</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">$</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"><span style="color:#000000;white-space:pre-wrap;min-width:fit-

content;">23</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">$</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">5</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">$</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">24</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> </tr> </table><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p> <table style="margin-left:auto;border-spacing:0;table-layout:fixed;width:100.0%;border-collapse:separate;margin-right:auto;"> <tr style="visibility:collapse;"> <td style="width:50.07%;"></td> <td style="width:1.3%;"></td> <td style="width:1%;"></td> <td style="width:9.182%;"></td> <td style="width:1%;"></td> <td style="width:1.3%;"></td> <td style="width:1%;"></td> <td style="width:9.182%;"></td> <td style="width:1%;"></td> <td style="width:1.3%;"></td> <td style="width:1%;"></td> <td style="width:9.182%;"></td> <td style="width:1%;"></td> <td style="width:1.3%;"></td> <td style="width:1%;"></td> <td style="width:9.182%;"></td> <td style="width:1%;"></td> </tr> <tr style="height:8pt;background-color:#ffffff;white-space:pre-wrap;word-break:break-word;"> <td style="vertical-align:bottom;text-align:left;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"> </p></td> <td style="vertical-align:bottom;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td colspan="6" style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;">Second quarter ended
June 30,</p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"> </p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #ffffff03;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td colspan="6" style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;">Six months ended
June 30,</p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"> </p></td> </tr> <tr style="height:8pt;background-color:#ffffff;white-space:pre-wrap;word-break:break-word;"> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">Other postretirement benefits</p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td colspan="2" style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;">2024</p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"> </p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td colspan="2" style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;">2023</p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"> </p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td colspan="2" style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;">2024</p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:8pt;margin-top:0;font-family:Times New

Roman;margin-bottom:0;text-align:center;"> </p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td colspan="2" style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;">2023</p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"> </p></td> </tr> <tr style="height:10pt;background-color:#cff0fc;word-break:break-word;"> <td style="white-space:pre-wrap;vertical-align:top;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">Service cost</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">$</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">—</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">$</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">1</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">$</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">1</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">$</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">2</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> </tr> <tr style="height:10pt;background-color:#ffffff;word-break:break-word;"> <td style="white-space:pre-wrap;vertical-align:top;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">Interest cost(1)</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">6</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">7</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">12</p></td>

			13													
Recognized net actuarial loss [1]			2				1				3				2	
Amortization of prior service benefit [1]			(4	)			(4	)								

space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">(7</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">)</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">(7</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">)</p></td> </tr> <tr style="height:10pt;background-color:#cff0fc;word-break:break-word;"> <td style="border-top:0.5pt solid #000000;white-space:pre-wrap;vertical-align:top;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">Net periodic benefit cost</p></td> <td style="border-top:0.5pt solid #000000;white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="border-top:0.5pt solid #000000;white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">$</p></td> <td style="border-top:0.5pt solid #000000;white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">4</p></td> <td style="border-top:0.5pt solid #000000;white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="border-top:0.5pt solid #000000;white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="border-top:0.5pt solid #000000;white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">$</p></td> <td style="border-top:0.5pt solid #000000;white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">5</p></td> <td style="border-top:0.5pt solid #000000;white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="border-top:0.5pt solid #000000;white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="border-top:0.5pt solid #000000;white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">$</p></td> <td style="border-top:0.5pt solid #000000;white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">9</p></td> <td style="border-top:0.5pt solid #000000;white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="border-top:0.5pt solid #000000;white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="border-top:0.5pt solid #000000;white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">$</p></td> <td style="border-top:0.5pt solid #000000;white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">10</p></td> <td style="border-top:0.5pt solid #000000;white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> </tr> </table><p style="text-indent:-4.749%;padding-left:4.533%;font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p><div class="item-list-element-wrapper" style="display:flex;margin-top:6pt;justify-content:flex-start;align-items:baseline;margin-bottom:0;min-width:2.269%;text-align:left;">(1)<div style="width:100%;display:inline;">These amounts were reported in Other (income) expenses, net on the accompanying Statement of Consolidated Operations (see <span style="color:#000000;white-space:pre-wrap;font-size:10pt;font-

family:Times New Roman;min-width:fit-content;">Note P).</div></div><div class="item-list-element-wrapper" style="display:flex;margin-top:0;justify-content:flex-start;align-items:baseline;margin-bottom:0;min-width:2.269%;text-align:left;">(2)<div style="width:100%;display:inline;">These amounts were reported in Restructuring and other charges, net on the accompanying Statement of Consolidated Operations and Cash Flows.</div></div>300000030000005000000500000270000029000005400000600000035000003700000070000000760 8000000-7000000-16000000-14000000-10000001000000-210000010000000- 210000002000000230000005000002400000100000010000020000060000070000012000001300000- 2000000-1000000-3000000-2000000-4000000-4000000-7000000-7000004000000500000090000010000000- 1000000-10000001900000010000000 <table style="margin-left:auto;border-spacing:0;table-layout:fixed;width:100.0%;border-collapse:separate;margin-right:auto;"> <tr style="visibility:collapse;"> <td style="width:8.762%;"></td> <td style="width:1%;"></td> <td style="width:11.362%;"></td> <td style="width:1%;"></td> <td style="width:14.803%;"></td> <td style="width:1%;"></td> <td style="width:11.782%;"></td> <td style="width:1%;"></td> <td style="width:12.963%;"></td> <td style="width:1%;"></td> <td style="width:1%;"></td> <td style="width:10.122%;"></td> <td style="width:1%;"></td> <td style="width:1%;"></td> <td style="width:1%;"></td> <td style="width:8.841999999999999%;"></td> <td style="width:1%;"></td> <td style="width:1%;"></td> <td style="width:1%;"></td> <td style="width:8.362%;"></td> <td style="width:1%;"></td> </tr> <tr style="height:8pt;background-color:#ffffff;white-space:pre-wrap;word-break:break-word;"> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;">Action #</p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;">Number of
affected
plan
participants</p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;">Weighted
average
discount rate
as of prior plan remeasurement
date</p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;">Plan
remeasurement
date</p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;">Weighted
average
discount rate
as of plan
remeasurement
date</p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td colspan="2" style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;">Increase (decrease) to
other noncurrent assets</p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"> </p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td colspan="2" style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;">Curtailment
loss(1)</p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"> </p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td colspan="2" style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;">Settlement gain(2)</p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"> </p></td> </tr> <tr style="height:10pt;background-color:#cff0fc;word-break:break-word;">

1		~110		N/A		N/A		N/A		$	(1	)		$	1			$	—	
2		~10		4.81%		June 30, 2024														

family:Times New Roman;margin-bottom:0;text-align:center;">5.23%</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">19</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">—</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">(1</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">)</p></td> </tr> <tr style="height:10pt;background-color:#cff0fc;word-break:break-word;"> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;">~120</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">$</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">18</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">$</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"><span

1

$

(1)

)

(1) This amount represents the net actuarial loss arising from the curtailment and was recognized immediately in Restructuring and other charges, net on the accompanying Statement of Consolidated Operations.

(2) This amount represents the net actuarial gain and was reclassified from Accumulated other comprehensive loss to Restructuring and other charges, net on the accompanying Statement of Consolidated Operations.

M. Derivatives and Other Financial Instruments

Fair Value

Fair value is defined as the price that would be received to sell an asset or paid to transfer a liability in an orderly transaction between market participants at the measurement date. The fair value hierarchy distinguishes between (i) market participant assumptions developed based on market data obtained from independent sources (observable inputs) and (ii) an entity's own assumptions about market participant assumptions developed based on the best information available in the circumstances (unobservable inputs). The fair value hierarchy consists of three broad levels, which gives the highest priority to unadjusted quoted prices in active markets for identical assets or liabilities (Level 1) and the lowest priority to unobservable inputs (Level 3). The three levels of the fair value hierarchy are described below:

• Level 1 - Unadjusted quoted prices in active markets that are accessible at the measurement date for identical, unrestricted assets or liabilities.

• Level 2 - Inputs other than quoted prices included within Level 1 that are observable for the asset or liability, either directly or indirectly, including quoted prices for similar assets or liabilities in active markets; quoted prices for identical or similar assets or liabilities in markets that are not active; inputs other than quoted prices that are observable for the asset or liability (e.g., interest rates); and inputs that are derived principally from or corroborated by observable market data by correlation or other means.

• Level 3 - Inputs that are both significant to the fair value measurement and unobservable.

Derivatives

Alcoa Corporation is exposed to certain risks relating to its ongoing business operations, including the

risks of changing commodity prices, foreign currency exchange rates, and interest rates. Alcoa Corporation's commodity and derivative activities include aluminum, energy, foreign exchange, and interest rate contracts which are held for purposes other than trading. They are used to mitigate uncertainty and volatility, and to cover underlying exposures. While Alcoa does not generally enter into derivative contracts to mitigate the risk associated with changes in aluminum price, the Company may do so in isolated cases to address discrete commercial or operational conditions. Alcoa is not involved in trading activities for energy, weather derivatives, or other nonexchange commodity trading activities.</p><p style="font-size:10pt;margin-top:9pt;font-family:Times New Roman;margin-bottom:0;text-align:left;">Alcoa Corporation's aluminum and foreign exchange contracts are predominantly classified as Level 1 under the fair value hierarchy. All of the Level 1 contracts are designated as either fair value or cash flow hedging instruments. Alcoa Corporation also has several derivative instruments classified as Level 3 under the fair value hierarchy, which are either designated as cash flow hedges or undesignated. Alcoa includes the changes in its equity method investee's Level 2 derivatives in Accumulated other comprehensive loss in the accompanying Consolidated Balance Sheet.</p><div style="font-size:10pt;font-family:Times New Roman;"><p style="font-size:10pt;margin-top:9pt;font-family:Times New Roman;margin-bottom:0;text-align:left;">The following tables present the detail for Level 1 and 3 derivatives (see additional Level 3 information in further tables below):</p><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p> <table style="margin-left:auto;border-spacing:0;table-layout:fixed;width:100.0%;border-collapse:separate;margin-right:auto;"> <tr style="visibility:collapse;"> <td style="width:31.6%;"></td> <td style="width:1%;"></td> <td style="width:1%;"></td> <td style="width:14.06%;"></td> <td style="width:1%;"></td> <td style="width:1%;"></td> <td style="width:1%;"></td> <td style="width:14.06%;"></td> <td style="width:1%;"></td> <td style="width:1%;"></td> <td style="width:1%;"></td> <td style="width:14.06%;"></td> <td style="width:1%;"></td> <td style="width:1%;"></td> <td style="width:1%;"></td> <td style="width:14.22%;"></td> <td style="width:1%;"></td> </tr> <tr style="height:9pt;background-color:#ffffff;white-space:pre-wrap;word-break:break-word;"> <td style="vertical-align:bottom;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="vertical-align:bottom;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td colspan="6" style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;">June 30, 2024</p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"> </p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #ffffff03;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td colspan="6" style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;">December 31, 2023</p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"> </p></td> </tr> <tr style="height:9pt;background-color:#ffffff;white-space:pre-wrap;word-break:break-word;"> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td colspan="2" style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;">Assets</p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"> </p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td colspan="2" style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;">Liabilities</p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"> </p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td colspan="2" style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;">Assets</p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"> </p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td colspan="2" style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;">Liabilities</p></td> <td style="vertical-

Level 1 derivative instruments		$	4			$	11			$	16			$	9	
Level 3 derivative instruments			34				1,191				16					

			1,297	
Total	$	38	$ 1,202	$ 32	$ 1,306
Less: Current		38		251

		29			214	
Noncurrent	$	—	$	951	$	3		$	1,092

size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td colspan="6" style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;">2024</p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"> </p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #ffffff03;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td colspan="6" style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;">2023</p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"> </p></td> </tr> <tr style="height:9pt;background-color:#ffffff;white-space:pre-wrap;word-break:break-word;"> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">Second quarter ended June 30,</p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td colspan="2" style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;">Unrealized loss recognized in Other comprehensive loss</p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"> </p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"> </p></td> <td colspan="2" style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;">Realized gain (loss) reclassed from Other comprehensive loss to earnings</p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"> </p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"> </p></td> <td colspan="2" style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;">Unrealized gain recognized in Other comprehensive loss</p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"> </p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"> </p></td> <td colspan="2" style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;">Realized gain (loss) reclassed from Other comprehensive loss to earnings</p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"> </p></td> </tr> <tr style="height:9pt;background-color:#cff0fc;word-break:break-word;"> <td style="white-space:pre-wrap;vertical-align:top;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">Level 1 derivative instruments</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">$</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">(7</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">)</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">$</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">—</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"><span style="white-space:pre-wrap;min-width:fit-

content;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">$</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">42</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">$</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">28</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> </tr> <tr style="height:9pt;background-color:#ffffff;word-break:break-word;"> <td style="white-space:pre-wrap;vertical-align:top;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">Level 3 derivative instruments</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">(146</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">)</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">(75</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">)</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">197</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">(58</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">)</p></td> </tr> <tr style="height:9pt;background-color:#cff0fc;word-break:break-word;"> <td style="white-space:pre-wrap;vertical-align:top;border-bottom:0.5pt solid #000000;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">Noncontrolling and equity interest (Level 2)</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">—</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-

	1	2	3	
Total	$ (153)	$ (74)	$ 241	$ (27)

For the second quarter of 2024, the realized gains and losses on Level 1 cash flow hedges were immaterial. For the second quarter of 2023

size:10pt;font-family:Times New Roman;min-width:fit-content;">, the realized gain of $28 on Level 1 cash flow hedges was comprised of a $32 gain recognized in Sales and a $4 loss recognized in Cost of goods sold.</p> <table style="margin-left:auto;border-spacing:0;table-layout:fixed;width:100.0%;border-collapse:separate;margin-right:auto;"> <tr style="visibility:collapse;"> <td style="width:31.6%;"></td> <td style="width:1%;"></td> <td style="width:1%;"></td> <td style="width:14.06%;"></td> <td style="width:1%;"></td> <td style="width:1%;"></td> <td style="width:1%;"></td> <td style="width:14.06%;"></td> <td style="width:1%;"></td> <td style="width:1%;"></td> <td style="width:1%;"></td> <td style="width:14.06%;"></td> <td style="width:1%;"></td> <td style="width:1%;"></td> <td style="width:1%;"></td> <td style="width:14.22%;"></td> <td style="width:1%;"></td> </tr> <tr style="height:9pt;background-color:#ffffff;white-space:pre-wrap;word-break:break-word;"> <td style="vertical-align:bottom;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="vertical-align:bottom;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td colspan="6" style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;">2024</p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"> </p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #ffffff03;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td colspan="6" style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;">2023</p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"> </p></td> </tr> <tr style="height:9pt;background-color:#ffffff;white-space:pre-wrap;word-break:break-word;"> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">Six months ended June 30,</p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td colspan="2" style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;">Unrealized loss recognized in Other comprehensive loss</p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"> </p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"> </p></td> <td colspan="2" style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;">Realized gain (loss) reclassed from Other comprehensive loss to earnings</p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"> </p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"> </p></td> <td colspan="2" style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;">Unrealized gain recognized in Other comprehensive loss</p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"> </p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"> </p></td> <td colspan="2" style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;">Realized gain (loss) reclassed from Other comprehensive loss to earnings</p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"> </p></td> </tr> <tr style="height:9pt;background-color:#cff0fc;word-break:break-word;"> <td style="white-space:pre-wrap;vertical-align:top;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">Level 1 derivative instruments</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"><span

style="white-space:pre-wrap;min-width:fit-content;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">$</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">(10</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">)</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">$</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">4</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">$</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">31</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">$</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">44</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> </tr> <tr style="height:9pt;background-color:#ffffff;word-break:break-word;"> <td style="white-space:pre-wrap;vertical-align:top;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">Level 3 derivative instruments</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">(26</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">)</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">(132</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">)</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">23</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">(110</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"><span

Noncontrolling and equity interest (Level 2)				—				1				
				—				2				
Total		$		(36	)		$	(127	)		$	

```
align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"><span style="font-size:9pt;color:#000000;white-space:pre-wrap;min-width:fit-content;">54</span></p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"><span style="min-width:fit-content;"> </span></p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"><span style="white-space:pre-wrap;min-width:fit-content;"> </span></p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"><span style="color:#000000;min-width:fit-content;">$</span></p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"><span style="color:#000000;white-space:pre-wrap;font-size:9pt;min-width:fit-content;">(</span><span style="font-size:9pt;color:#000000;white-space:pre-wrap;min-width:fit-content;">64</span></p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"><span style="color:#000000;min-width:fit-content;">)</span></p></td> </tr> </table></div><p style="font-size:10pt;margin-top:9pt;font-family:Times New Roman;margin-bottom:0;text-align:left;"><span style="color:#000000;white-space:pre-wrap;font-size:10pt;font-family:Times New Roman;min-width:fit-content;">For the six-month period of 2024</span><span style="color:#000000;white-space:pre-wrap;font-size:10pt;font-family:Times New Roman;min-width:fit-content;">, the realized gain of $</span><span style="font-size:10pt;font-family:Times New Roman;color:#000000;white-space:pre-wrap;min-width:fit-content;">4</span><span style="color:#000000;white-space:pre-wrap;font-size:10pt;font-family:Times New Roman;min-width:fit-content;"> on Level 1 cash flow hedges was recognized in Sales. For the </span><span style="color:#000000;white-space:pre-wrap;font-size:10pt;font-family:Times New Roman;min-width:fit-content;">six-month period of 2023</span><span style="color:#000000;white-space:pre-wrap;font-size:10pt;font-family:Times New Roman;min-width:fit-content;">, the realized gain of $</span><span style="font-size:10pt;font-family:Times New Roman;color:#000000;white-space:pre-wrap;min-width:fit-content;">44</span><span style="color:#000000;white-space:pre-wrap;font-size:10pt;font-family:Times New Roman;min-width:fit-content;"> on Level 1 cash flow hedges was comprised of a $</span><span style="font-size:10pt;font-family:Times New Roman;color:#000000;white-space:pre-wrap;min-width:fit-content;">48</span><span style="color:#000000;white-space:pre-wrap;font-size:10pt;font-family:Times New Roman;min-width:fit-content;"> gain recognized in Sales and a $</span><span style="font-size:10pt;font-family:Times New Roman;color:#000000;white-space:pre-wrap;min-width:fit-content;">4</span><span style="color:#000000;white-space:pre-wrap;font-size:10pt;font-family:Times New Roman;min-width:fit-content;"> loss recognized in Cost of goods sold.</span></p><div style="font-size:10pt;font-family:Times New Roman;"><p style="font-size:10pt;margin-top:9pt;font-family:Times New Roman;margin-bottom:0;text-align:left;"><span style="color:#000000;white-space:pre-wrap;font-size:10pt;font-family:Times New Roman;min-width:fit-content;">The following table presents the outstanding quantities of derivative instruments classified as Level 1:</span></p><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"><span style="white-space:pre-wrap;font-size:6pt;font-family:Times New Roman;min-width:fit-content;"> </span></p> <table style="margin-left:auto;border-spacing:0;table-layout:fixed;width:100.0%;border-collapse:separate;margin-right:auto;"> <tr style="visibility:collapse;"> <td style="width:41.3%;"></td> <td style="width:25.5%;"></td> <td style="width:1%;"></td> <td style="width:1%;"></td> <td style="width:13.3%;"></td> <td style="width:1%;"></td> <td style="width:1%;"></td> <td style="width:1%;"></td> <td style="width:13.9%;"></td> <td style="width:1%;"></td> </tr> <tr style="height:9pt;background-color:#ffffff;white-space:pre-wrap;word-break:break-word;"> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"><span style="white-space:pre-wrap;min-width:fit-content;"> </span></p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"><span style="color:#000000;white-space:pre-wrap;font-weight:bold;min-width:fit-content;">Classification</span></p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"><span style="white-space:pre-wrap;min-width:fit-content;"> </span></p></td> <td colspan="2" style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"><span style="color:#000000;white-space:pre-wrap;font-weight:bold;min-width:fit-content;">June 30, 2024</span></p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"><span style="white-space:pre-wrap;min-width:fit-content;"> </span></p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"><span style="white-space:pre-wrap;min-width:fit-content;"> </span></p></td> <td colspan="2" style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"><span style="color:#000000;white-space:pre-wrap;font-weight:bold;min-width:fit-content;">June 30, 2023</span></p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"><span style="white-space:pre-wrap;min-width:fit-content;"> </span></p></td> </tr> <tr style="height:9pt;background-color:#cff0fc;word-break:break-word;"> <td style="white-space:pre-wrap;vertical-align:top;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"><span style="color:#000000;white-space:pre-wrap;min-width:fit-content;">Aluminum (in kmt)</span></p></td> <td style="white-space:pre-wrap;vertical-align:top;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"><span style="color:#000000;white-space:pre-wrap;min-width:fit-content;">Commodity buy forwards</span></p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"><span style="white-space:pre-wrap;min-width:fit-content;"> </span></p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"><span style="min-width:fit-content;"> </span></p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-
```

				133				187	
Aluminum (in kmt)	Commodity sell forwards			80				206	
Foreign currency (in millions of euro)	Foreign exchange buy forwards			61				86	
Foreign currency (in millions of euro)	Foreign exchange sell forwards			16			

space:pre-wrap;min-width:fit-content;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">18</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> </tr> <tr style="height:9pt;background-color:#cff0fc;word-break:break-word;"> <td style="white-space:pre-wrap;vertical-align:top;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">Foreign currency (in millions of Norwegian krone)</p></td> <td style="white-space:pre-wrap;vertical-align:top;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">Foreign exchange buy forwards</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">85</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">232</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> </tr> <tr style="height:9pt;background-color:#ffffff;word-break:break-word;"> <td style="white-space:pre-wrap;vertical-align:top;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">Foreign currency (in millions of Brazilian real)</p></td> <td style="white-space:pre-wrap;vertical-align:top;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">Foreign exchange buy forwards</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">351</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">1,010</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> </tr> <tr style="height:9pt;background-color:#cff0fc;word-break:break-word;"> <td style="white-space:pre-wrap;vertical-align:top;border-bottom:0.5pt solid #000000;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">Foreign currency (in millions of Canadian dollar)</p></td> <td style="white-space:pre-wrap;vertical-align:top;border-bottom:0.5pt solid #000000;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">Foreign exchange buy forwards</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">22</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td

Alcoa Corporation routinely uses Level 1 aluminum derivative instruments to manage exposures to changes in the fair value of firm commitments for the purchases or sales of aluminum. Additionally, Alcoa uses Level 1 aluminum derivative instruments to manage LME exposures at certain locations with profitability improvement actions (expires December 2024), and the Alumar (Brazil) smelter restart (expired December 2023).

Alcoa Corporation uses Level 1 foreign exchange forward contracts to mitigate the risk of foreign exchange exposure related to euro power purchases in Norway (expires December 2026), U.S. dollar aluminum sales in Norway (expires June 2025), U.S. dollar alumina and aluminum sales in Brazil (expires August 2025), and U.S. dollar aluminum sales in Canada (expires March 2025).

Additional Level 3 Disclosures

The following table presents quantitative information related to the significant unobservable inputs described above for Level 3 derivative instruments (megawatt hours in MWh):

		June 30, 2024		Unobservable Input		Unobservable Input Range	
Asset Derivatives							

Financial contract (undesignated)		$	34			Interrelationship of forward energy price, LME forward price, and the Consumer Price Index		Electricity (per MWh)	2024: $93.52 2024: $40.54
								LME (per mt)	2024: $2,491

			2024: $	2,562
Total Asset Derivatives		$	34	
Liability Derivatives				
Power contract		$	180	MWh of energy needed to produce the forecasted mt of aluminum

									LME (per mt)	2024: $2,491 2027: $2,742
							Electricity	Rate of 4 million MWh per year	
Power contracts			1,008			MWh of energy needed to produce the forecasted mt of aluminum		LME (per mt)	2024: $2,491 2029: $2,734 2036: $2,934

Midwest premium (per pound)	2024: $0.1999 2029: $0.2365 2036: $0.2365							
							Electricity	Rate of 18 million MWh per year
Power contract		2			MWh of energy needed to produce the forecasted mt of aluminum		LME (per mt)	2024: $2,491 2024: $2,524

solid #000000;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">Midwest premium
(per pound)</p></td> <td style="vertical-align:top;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">2024: $0.1999
2024: $0.2240</p></td> </tr> <tr style="height:9pt;background-color:#ffffff;white-space:pre-wrap;word-break:break-word;"> <td style="vertical-align:top;border-bottom:0.5pt solid #000000;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="vertical-align:top;border-bottom:0.5pt solid #000000;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td colspan="2" style="vertical-align:top;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="vertical-align:top;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="vertical-align:top;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="vertical-align:top;border-bottom:0.5pt solid #000000;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="vertical-align:top;border-bottom:0.5pt solid #000000;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="vertical-align:top;border-bottom:0.5pt solid #000000;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">Electricity</p></td> <td style="vertical-align:top;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">Rate of 2 million MWh per year</p></td> </tr> <tr style="height:9pt;background-color:#ffffff;word-break:break-word;"> <td style="white-space:pre-wrap;vertical-align:top;border-bottom:0.5pt solid #000000;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">Power contract (undesignated)</p></td> <td style="white-space:pre-wrap;vertical-align:top;border-bottom:0.5pt solid #000000;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:top;border-bottom:0.5pt solid #000000;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:top;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">1</p></td> <td style="white-space:nowrap;vertical-align:top;border-bottom:0.5pt solid #000000;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:top;border-bottom:0.5pt solid #000000;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:top;border-bottom:0.5pt solid #000000;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">Estimated spread between the 30-year debt yield of Alcoa and the counterparty</p></td> <td style="white-space:pre-wrap;vertical-align:top;border-bottom:0.5pt solid #000000;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:top;border-bottom:0.5pt solid #000000;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">Credit spread</p></td> <td style="white-space:pre-wrap;vertical-align:top;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">1.71%: 30-year debt yield spread
6.98%: Alcoa (estimated)
5.27%: counterparty</p></td> </tr> <tr style="height:9pt;background-color:#ffffff;word-break:break-word;"> <td style="white-space:pre-wrap;vertical-align:top;border-bottom:0.5pt solid #000000;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">Total Liability Derivatives</p></td> <td style="white-space:pre-wrap;vertical-align:top;border-bottom:0.5pt solid #000000;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:top;border-bottom:0.5pt solid #000000;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">$</p></td> <td style="white-space:pre-wrap;vertical-align:top;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"><span style="font-size:9pt;color:#000000;white-space:pre-wrap;min-width:fit-

content;">1,191</p></td> <td style="white-space:nowrap;vertical-align:top;border-bottom:0.5pt solid #000000;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:top;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="white-space:pre-wrap;vertical-align:top;border-bottom:0.5pt solid #000000;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:top;border-bottom:0.5pt solid #000000;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:top;border-bottom:0.5pt solid #000000;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:top;border-bottom:0.5pt solid #000000;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> </tr> </table></div><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p><div style="font-size:10pt;font-family:Times New Roman;"><p style="font-size:10pt;margin-top:9pt;font-family:Times New Roman;margin-bottom:0;text-align:left;">The fair values of Level 3 derivative instruments recorded in the accompanying Consolidated Balance Sheet were as follows:</p><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p> <table style="margin-left:auto;border-spacing:0;table-layout:fixed;width:100.0%;border-collapse:separate;margin-right:auto;"> <tr style="visibility:collapse;"> <td style="width:61.488%;"></td> <td style="width:1.68%;"></td> <td style="width:1%;"></td> <td style="width:15.577%;"></td> <td style="width:1%;"></td> <td style="width:1.68%;"></td> <td style="width:1%;"></td> <td style="width:15.577%;"></td> <td style="width:1%;"></td> </tr> <tr style="height:9pt;background-color:#ffffff;white-space:pre-wrap;word-break:break-word;"> <td style="vertical-align:top;border-bottom:0.5pt solid #000000;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">Asset Derivatives</p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td colspan="2" style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;">June 30, 2024</p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"> </p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td colspan="2" style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;">December 31, 2023</p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"> </p></td> </tr> <tr style="height:9pt;background-color:#cff0fc;white-space:pre-wrap;word-break:break-word;"> <td style="vertical-align:top;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">Derivatives not designated as hedging instruments:</p></td> <td style="vertical-align:bottom;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td colspan="2" style="vertical-align:bottom;text-align:center;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="vertical-align:bottom;text-align:center;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="vertical-align:bottom;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td colspan="2" style="vertical-align:bottom;text-align:center;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="vertical-align:bottom;text-align:center;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> </tr> <tr style="height:9pt;background-color:#ffffff;word-break:break-word;"> <td style="text-indent:10pt;white-space:pre-wrap;vertical-align:top;border-bottom:0.5pt solid #000000;"><p style="margin-left:10pt;text-indent:0;font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">Current—financial contract</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">$</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">34</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p

		$	16				
Total derivatives not designated as hedging instruments		$	34			$	16
Total Asset Derivatives		$	34			$	16
Liability Derivatives							

Derivatives designated as hedging instruments:						
Current—power contracts	$	245		$	210	
Noncurrent—power contracts	$	945		$	1,087	
Total derivatives designated as hedging instruments	$					

	1,190			$	1,297
Derivatives not designated as hedging instruments:					
Noncurrent—embedded credit derivative		1		—	
Total derivatives not designated as hedging instruments		$ 1		$ —	

Total Liability Derivatives	$	1,191		$	1,297

Assuming market rates remain constant with the rates at June 30, 2024, a realized loss of $245 related to power contracts is expected to be recognized in Sales over the next 12 months.

At June 30, 2024 and December 31, 2023, the power contracts with embedded derivatives designated as cash flow hedges include hedges of forecasted aluminum sales of 1,344 kmt and 1,456 kmt, respectively.

The following tables present the reconciliation of activity for Level 3 derivative instruments:

		Assets	
Second quarter ended June 30, 2024		Financial contracts	
April 1,			

	2024		$	12	
Total gains or losses included in:					
Other income, net (unrealized/realized)				55	
Settlements and other				(33)	
June 30, 2024		$		34	
Change in unrealized gains or losses included in earnings for derivative instruments held at June 30, 2024:					
Other income, net					

wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">$</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">55</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> </tr> </table><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p> <table style="margin-left:auto;border-spacing:0;table-layout:fixed;width:100.0%;border-collapse:separate;margin-right:auto;"> <tr style="visibility:collapse;"> <td style="width:59.06%;"></td> <td style="width:2.22%;"></td> <td style="width:1%;"></td> <td style="width:17.34%;"></td> <td style="width:1%;"></td> <td style="width:1%;"></td> <td style="width:17.38%;"></td> <td style="width:1%;"></td> </tr> <tr style="height:9pt;background-color:#ffffff;white-space:pre-wrap;word-break:break-word;"> <td style="vertical-align:bottom;text-align:left;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"> </p></td> <td style="vertical-align:bottom;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td colspan="5" style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;">Liabilities</p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"> </p></td> </tr> <tr style="height:9pt;background-color:#ffffff;white-space:pre-wrap;word-break:break-word;"> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">Second quarter ended June 30, 2024</p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td colspan="2" style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;">Power contracts</p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"> </p></td> <td colspan="2" style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;">Embedded
credit
derivative</p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"> </p></td> </tr> <tr style="height:9pt;background-color:#cff0fc;word-break:break-word;"> <td style="white-space:pre-wrap;vertical-align:top;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">April 1, 2024</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">$</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">1,120</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">$</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">—</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> </tr> <tr style="height:9pt;background-color:#ffffff;white-space:pre-wrap;word-break:break-word;"> <td style="text-indent:10pt;vertical-align:top;"><p style="margin-left:10pt;text-indent:0;font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">Total gains or losses included in:</p></td> <td style="vertical-align:bottom;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td colspan="2" style="vertical-align:bottom;text-align:center;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="vertical-align:bottom;text-align:center;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td colspan="2" style="vertical-align:bottom;text-align:center;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="vertical-align:bottom;text-align:center;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-

Sales (realized)		(76)	—
Other expenses, net (unrealized/realized)		—	1
Other comprehensive income (unrealized)		146	—
June 30, 2024	$	1,190	

align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="border-top:0.5pt solid #000000;white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">$</p></td> <td style="border-top:0.5pt solid #000000;white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">1</p></td> <td style="border-top:0.5pt solid #000000;white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> </tr> <tr style="height:9pt;background-color:#cff0fc;white-space:pre-wrap;word-break:break-word;"> <td style="vertical-align:top;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">Change in unrealized gains or losses included in earnings
   for derivative instruments held at June 30, 2024:</p></td> <td style="vertical-align:bottom;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td colspan="2" style="vertical-align:bottom;text-align:center;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="vertical-align:bottom;text-align:center;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td colspan="2" style="vertical-align:bottom;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="vertical-align:bottom;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> </tr> <tr style="height:9pt;background-color:#ffffff;word-break:break-word;"> <td style="text-indent:10pt;white-space:pre-wrap;vertical-align:top;border-bottom:0.5pt solid #000000;"><p style="margin-left:10pt;text-indent:0;font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">Other expenses, net</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">$</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">—</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">$</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">1</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> </tr> </table><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p> <table style="margin-left:auto;border-spacing:0;table-layout:fixed;width:100.0%;border-collapse:separate;margin-right:auto;"> <tr style="visibility:collapse;"> <td style="width:82%;"></td> <td style="width:1%;"></td> <td style="width:1%;"></td> <td style="width:15%;"></td> <td style="width:1%;"></td> </tr> <tr style="height:9pt;background-color:#ffffff;white-space:pre-wrap;word-break:break-word;"> <td style="vertical-align:bottom;text-align:left;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"> </p></td> <td style="vertical-align:bottom;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td colspan="2" style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;">Assets</p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"> </p></td> </tr> <tr style="height:9pt;background-color:#ffffff;white-space:pre-wrap;word-break:break-word;"> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">Six months ended June 30, 2024</p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"> </p></td> <td colspan="2" style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;">Financial contracts</p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"> </p></td> </tr> <tr style="height:9pt;background-color:#cff0fc;word-break:break-word;"> <td style="white-space:pre-wrap;vertical-align:top;"><p style="font-size:9pt;margin-top:0;font-family:Times New

Roman;margin-bottom:0;text-align:left;">January 1, 2024</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">$</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">16</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> </tr> <tr style="height:9pt;background-color:#ffffff;white-space:pre-wrap;word-break:break-word;"> <td style="text-indent:10pt;vertical-align:top;"><p style="margin-left:10pt;text-indent:0;font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">Total gains or losses included in:</p></td> <td style="vertical-align:bottom;text-align:center;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td colspan="2" style="vertical-align:bottom;text-align:center;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="vertical-align:bottom;text-align:center;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> </tr> <tr style="height:9pt;background-color:#cff0fc;word-break:break-word;"> <td style="text-indent:20pt;white-space:pre-wrap;vertical-align:top;"><p style="margin-left:20pt;text-indent:0;font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">Other income, net (unrealized/realized)</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">50</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> </tr> <tr style="height:9pt;background-color:#ffffff;word-break:break-word;"> <td style="text-indent:10pt;white-space:pre-wrap;vertical-align:top;border-bottom:0.5pt solid #000000;"><p style="margin-left:10pt;text-indent:0;font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">Settlements and other</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">(32</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">)</p></td> </tr> <tr style="height:9pt;background-color:#cff0fc;word-break:break-word;"> <td style="white-space:pre-wrap;vertical-align:top;border-bottom:0.5pt solid #000000;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">June 30, 2024</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">$</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">34</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> </tr> <tr style="height:9pt;background-color:#ffffff;white-space:pre-wrap;word-break:break-word;"> <td style="vertical-align:top;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">Change in unrealized gains or losses included in earnings
   for derivative instruments held at June 30, 2024:</p></td> <td style="vertical-align:bottom;text-align:center;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td colspan="2" style="vertical-align:bottom;text-align:center;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="vertical-align:bottom;text-align:center;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> </tr> <tr style="height:9pt;background-color:#cff0fc;word-break:break-word;"> <td style="text-indent:10pt;white-space:pre-wrap;vertical-align:top;border-bottom:0.5pt solid #000000;"><p style="margin-left:10pt;text-indent:0;font-size:9pt;margin-top:0;font-family:Times New Roman;margin-

bottom:0;text-align:left;">Other income, net</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">$</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">50</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> </tr> </table><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p> <table style="margin-left:auto;border-spacing:0;table-layout:fixed;width:100.0%;border-collapse:separate;margin-right:auto;"> <tr style="visibility:collapse;"> <td style="width:59.06%;"></td> <td style="width:2.22%;"></td> <td style="width:1%;"></td> <td style="width:17.34%;"></td> <td style="width:1%;"></td> <td style="width:1%;"></td> <td style="width:17.38%;"></td> <td style="width:1%;"></td> </tr> <tr style="height:9pt;background-color:#ffffff;white-space:pre-wrap;word-break:break-word;"> <td style="vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="vertical-align:bottom;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td colspan="5" style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;">Liabilities</p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"> </p></td> </tr> <tr style="height:9pt;background-color:#ffffff;white-space:pre-wrap;word-break:break-word;"> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">Six months ended June 30, 2024</p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td colspan="2" style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;">Power contracts</p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"> </p></td> <td colspan="2" style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;">Embedded
credit
derivative</p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"> </p></td> </tr> <tr style="height:9pt;background-color:#cff0fc;word-break:break-word;"> <td style="white-space:pre-wrap;vertical-align:top;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">January 1, 2024</p></td> <td style="white-space:pre-wrap;vertical-align:top;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">$</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">1,297</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">$</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">—</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> </tr> <tr style="height:9pt;background-color:#ffffff;white-space:pre-wrap;word-break:break-word;"> <td style="text-indent:10pt;vertical-align:top;"><p style="margin-left:10pt;text-indent:0;font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">Total gains or losses included in:</p></td> <td style="text-indent:10pt;vertical-align:top;"><p style="margin-left:10pt;text-indent:0;font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td colspan="2" style="vertical-align:bottom;text-align:center;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="vertical-align:bottom;text-align:center;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td colspan="2" style="vertical-align:bottom;text-align:center;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"><span style="white-space:pre-wrap;min-width:fit-

content;"> </p></td> <td style="vertical-align:bottom;text-align:center;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> </tr> <tr style="height:9pt;background-color:#cff0fc;word-break:break-word;"> <td style="text-indent:20pt;white-space:pre-wrap;vertical-align:top;"><p style="margin-left:20pt;text-indent:0;font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">Sales (realized)</p></td> <td style="text-indent:20pt;white-space:pre-wrap;vertical-align:top;"><p style="margin-left:20pt;text-indent:0;font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">(133</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">)</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">—</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> </tr> <tr style="height:9pt;background-color:#ffffff;word-break:break-word;"> <td style="text-indent:20pt;white-space:pre-wrap;vertical-align:top;"><p style="margin-left:20pt;text-indent:0;font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">Other expenses, net (unrealized/realized)</p></td> <td style="text-indent:20pt;white-space:pre-wrap;vertical-align:top;"><p style="margin-left:20pt;text-indent:0;font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">—</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">1</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> </tr> <tr style="height:9pt;background-color:#cff0fc;word-break:break-word;"> <td style="text-indent:20pt;white-space:pre-wrap;vertical-align:top;"><p style="margin-left:20pt;text-indent:0;font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">Other comprehensive income (unrealized)</p></td> <td style="text-indent:20pt;white-space:pre-wrap;vertical-align:top;"><p style="margin-left:20pt;text-indent:0;font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">26</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">—</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> </tr> <tr style="height:9pt;background-color:#ffffff;word-break:break-word;"> <td style="border-top:0.5pt solid #000000;white-space:pre-wrap;vertical-align:top;border-bottom:0.5pt solid #000000;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">June 30, 2024</p></td> <td style="border-top:0.5pt solid #000000;white-space:pre-wrap;vertical-align:top;border-bottom:0.5pt solid #000000;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="border-top:0.5pt solid #000000;white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">$</p></td> <td style="border-top:0.5pt solid #000000;white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p

	1,190		$	1	
Change in unrealized gains or losses included in earnings for derivative instruments held at June 30, 2024:					
Other expenses, net		$	—	$	1

There were no purchases, sales, or settlements of Level 3 derivative instruments in the periods presented.

<u>Other Financial Instruments</u>

The carrying values and fair values of Alcoa Corporation's other financial instruments were as follows:

Roman;margin-bottom:0;text-align:center;"> </p></td> <td style="vertical-align:bottom;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td colspan="6" style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;">June 30, 2024</p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"> </p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #ffffff03;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td colspan="6" style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;">December 31, 2023</p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"> </p></td> </tr> <tr style="height:9pt;background-color:#ffffff;white-space:pre-wrap;word-break:break-word;"> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"> </p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td colspan="2" style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;">Carrying value</p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"> </p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td colspan="2" style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;">Fair value</p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"> </p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td colspan="2" style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;">Carrying value</p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"> </p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td colspan="2" style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;">Fair value</p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"> </p></td> </tr> <tr style="height:10pt;background-color:#cff0fc;word-break:break-word;"> <td style="white-space:pre-wrap;vertical-align:top;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">Cash and cash equivalents</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">$</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">1,396</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">$</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">1,396</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">$</p></td> <td style="white-

space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">944</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">$</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">944</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> </tr> <tr style="height:10pt;background-color:#ffffff;word-break:break-word;"> <td style="white-space:pre-wrap;vertical-align:top;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">Restricted cash</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">97</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">97</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">103</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">103</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> </tr> <tr style="height:10pt;background-color:#cff0fc;word-break:break-word;"> <td style="white-space:pre-wrap;vertical-align:top;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">Short-term borrowings</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">31</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">31</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-

align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">56</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">56</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> </tr> <tr style="height:10pt;background-color:#ffffff;word-break:break-word;"> <td style="white-space:pre-wrap;vertical-align:top;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">Long-term debt due within one year</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">79</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">79</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">79</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> </tr> <tr style="height:10pt;background-color:#cff0fc;word-break:break-word;"> <td style="white-space:pre-wrap;vertical-align:top;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">Long-term debt, less amount due within one year</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">2,469</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">2,477</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-

size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">1,732</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">1,702</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> </tr> </table></div><p style="font-size:10pt;margin-top:9pt;font-family:Times New Roman;margin-bottom:0;text-align:left;">The following methods were used to estimate the fair values of other financial instruments:</p><p style="font-size:10pt;margin-top:9pt;font-family:Times New Roman;margin-bottom:0;text-align:left;">Cash and cash equivalents and Restricted cash. The carrying amounts approximate fair value because of the short maturity of the instruments. The fair value amounts for Cash and cash equivalents and Restricted cash were classified in Level 1 of the fair value hierarchy.</p><p style="font-size:10pt;margin-top:9pt;font-family:Times New Roman;margin-bottom:0;text-align:left;">Short-term borrowings and Long-term debt, including amounts due within one year. The fair value of Long-term debt, less amounts due within one year was based on quoted market prices for public debt and on interest rates that are currently available to Alcoa Corporation for issuance of debt with similar terms and maturities for non-public debt. The fair value amounts for all Short-term borrowings and Long-term debt were classified in Level 2 of the fair value hierarchy.</p><p style="font-size:10pt;margin-top:9pt;font-family:Times New Roman;margin-bottom:0;text-align:left;">The following tables present the detail for Level 1 and 3 derivatives (see additional Level 3 information in further tables below):</p><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p> <table style="margin-left:auto;border-spacing:0;table-layout:fixed;width:100.0%;border-collapse:separate;margin-right:auto;"> <tr style="visibility:collapse;"> <td style="width:31.6%;"></td> <td style="width:1%;"></td> <td style="width:1%;"></td> <td style="width:14.06%;"></td> <td style="width:1%;"></td> <td style="width:1%;"></td> <td style="width:1%;"></td> <td style="width:14.06%;"></td> <td style="width:1%;"></td> <td style="width:1%;"></td> <td style="width:1%;"></td> <td style="width:14.06%;"></td> <td style="width:1%;"></td> <td style="width:1%;"></td> <td style="width:1%;"></td> <td style="width:14.22%;"></td> <td style="width:1%;"></td> </tr> <tr style="height:9pt;background-color:#ffffff;white-space:pre-wrap;word-break:break-word;"> <td style="vertical-align:bottom;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="vertical-align:bottom;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td colspan="6" style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;">June 30, 2024</p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"> </p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #ffffff03;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td colspan="6" style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;">December 31, 2023</p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"> </p></td> </tr> <tr style="height:9pt;background-color:#ffffff;white-space:pre-wrap;word-break:break-word;"> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td colspan="2" style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;">Assets</p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"><span style="white-space:pre-wrap;min-width:fit-

content;"> </p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td colspan="2" style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;">Liabilities</p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"> </p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td colspan="2" style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;">Assets</p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"> </p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td colspan="2" style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;">Liabilities</p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"> </p></td> </tr> <tr style="height:9pt;background-color:#cff0fc;word-break:break-word;"> <td style="white-space:pre-wrap;vertical-align:top;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">Level 1 derivative instruments</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">$</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">4</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">$</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">11</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">$</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">16</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">$</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">9</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> </tr> <tr style="height:9pt;background-color:#ffffff;word-break:break-word;"> <td style="white-space:pre-wrap;vertical-align:top;border-bottom:0.5pt solid #000000;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">Level 3 derivative instruments</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">34</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td

		1,191				16				1,297	
Total		$	38			$	1,202			$	32			$	1,306	

Roman;margin-bottom:0;text-align:left;">Less: Current</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">38</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">251</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">29</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">214</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> </tr> <tr style="height:9pt;background-color:#cff0fc;word-break:break-word;"> <td style="white-space:pre-wrap;vertical-align:top;border-bottom:0.5pt solid #000000;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">Noncurrent</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">$</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">—</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">$</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">951</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">$</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">3</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-

align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">$</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">1,092</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> </tr> </table><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p> <table style="margin-left:auto;border-spacing:0;table-layout:fixed;width:100.0%;border-collapse:separate;margin-right:auto;"> <tr style="visibility:collapse;"> <td style="width:31.6%;"></td> <td style="width:1%;"></td> <td style="width:1%;"></td> <td style="width:14.06%;"></td> <td style="width:1%;"></td> <td style="width:1%;"></td> <td style="width:1%;"></td> <td style="width:14.06%;"></td> <td style="width:1%;"></td> <td style="width:1%;"></td> <td style="width:1%;"></td> <td style="width:14.06%;"></td> <td style="width:1%;"></td> <td style="width:1%;"></td> <td style="width:1%;"></td> <td style="width:14.22%;"></td> <td style="width:1%;"></td> </tr> <tr style="height:9pt;background-color:#ffffff;white-space:pre-wrap;word-break:break-word;"> <td style="vertical-align:bottom;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="vertical-align:bottom;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td colspan="6" style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;">2024</p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"> </p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #ffffff03;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td colspan="6" style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;">2023</p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"> </p></td> </tr> <tr style="height:9pt;background-color:#ffffff;white-space:pre-wrap;word-break:break-word;"> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">Second quarter ended June 30,</p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td colspan="2" style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;">Unrealized loss recognized in Other comprehensive loss</p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"> </p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"> </p></td> <td colspan="2" style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;">Realized gain (loss) reclassed from Other comprehensive loss to earnings</p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"> </p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"> </p></td> <td colspan="2" style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;">Unrealized gain recognized in Other comprehensive loss</p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"> </p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"> </p></td> <td colspan="2" style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;">Realized gain (loss) reclassed from Other comprehensive loss to earnings</p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"> </p></td> </tr> <tr style="height:9pt;background-color:#cff0fc;word-break:break-word;"> <td style="white-space:pre-wrap;vertical-align:top;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"><span style="color:#000000;white-

Level 1 derivative instruments </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">$</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">(7</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">)</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">$</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">—</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">$</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">42</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">$</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">28</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> </tr> <tr style="height:9pt;background-color:#ffffff;word-break:break-word;"> <td style="white-space:pre-wrap;vertical-align:top;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">Level 3 derivative instruments</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">(146</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">)</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">(75</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">)</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">197</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">(<span style="font-size:9pt;color:#000000;white-space:pre-

									58	)
Noncontrolling and equity interest (Level 2)				—				1		
						2				3
Total		$		(	153	)	$	(	74	)

top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">$</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">241</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">$</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">(27</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">)</p></td> </tr> </table><p style="font-size:10pt;margin-top:9pt;font-family:Times New Roman;margin-bottom:6pt;text-align:left;">For the second quarter of 2024, the realized gains and losses on Level 1 cash flow hedges were immaterial. For the second quarter of 2023, the realized gain of $28 on Level 1 cash flow hedges was comprised of a $32 gain recognized in Sales and a $4 loss recognized in Cost of goods sold. </p> <table style="margin-left:auto;border-spacing:0;table-layout:fixed;width:100.0%;border-collapse:separate;margin-right:auto;"> <tr style="visibility:collapse;"> <td style="width:31.6%;"></td> <td style="width:1%;"></td> <td style="width:1%;"></td> <td style="width:14.06%;"></td> <td style="width:1%;"></td> <td style="width:1%;"> </td> <td style="width:1%;"></td> <td style="width:14.06%;"></td> <td style="width:1%;"></td> <td style="width:1%;"></td> <td style="width:1%;"></td> <td style="width:14.06%;"></td> <td style="width:1%;"></td> <td style="width:1%;"></td> <td style="width:1%;"></td> <td style="width:14.22%;"></td> <td style="width:1%;"></td> </tr> <tr style="height:9pt;background-color:#ffffff;white-space:pre-wrap;word-break:break-word;"> <td style="vertical-align:bottom;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="vertical-align:bottom;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td colspan="6" style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;">2024</p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"> </p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #ffffff03;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td colspan="6" style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;">2023</p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"> </p></td> </tr> <tr style="height:9pt;background-color:#ffffff;white-space:pre-wrap;word-break:break-word;"> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">Six months ended June 30,</p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td colspan="2" style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;">Unrealized loss recognized in Other comprehensive loss</p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"> </p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"> </p></td> <td colspan="2" style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;">Realized gain (loss) reclassed from Other comprehensive loss to earnings</p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"> </p></td> <td style="vertical-

```html
align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"><span style="white-space:pre-wrap;min-width:fit-content;"> </span></p></td> <td colspan="2" style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"><span style="color:#000000;white-space:pre-wrap;font-weight:bold;min-width:fit-content;">Unrealized gain recognized in Other comprehensive loss</span></p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"><span style="white-space:pre-wrap;min-width:fit-content;"> </span></p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"><span style="white-space:pre-wrap;min-width:fit-content;"> </span></p></td> <td colspan="2" style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"><span style="color:#000000;white-space:pre-wrap;font-weight:bold;min-width:fit-content;">Realized gain (loss) reclassed from Other comprehensive loss to earnings</span></p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"><span style="white-space:pre-wrap;min-width:fit-content;"> </span></p></td> </tr> <tr style="height:9pt;background-color:#cff0fc;word-break:break-word;"> <td style="white-space:pre-wrap;vertical-align:top;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"><span style="color:#000000;white-space:pre-wrap;min-width:fit-content;">Level 1 derivative instruments</span></p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"><span style="white-space:pre-wrap;min-width:fit-content;"> </span></p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"><span style="color:#000000;min-width:fit-content;">$</span></p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"><span style="color:#000000;white-space:pre-wrap;font-size:9pt;min-width:fit-content;">(</span><span style="font-size:9pt;color:#000000;white-space:pre-wrap;min-width:fit-content;">10</span></p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"><span style="color:#000000;min-width:fit-content;">)</span></p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"><span style="white-space:pre-wrap;min-width:fit-content;"> </span></p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"><span style="color:#000000;min-width:fit-content;">$</span></p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"><span style="font-size:9pt;color:#000000;white-space:pre-wrap;min-width:fit-content;">4</span></p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"><span style="min-width:fit-content;"> </span></p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"><span style="white-space:pre-wrap;min-width:fit-content;"> </span></p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"><span style="color:#000000;min-width:fit-content;">$</span></p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"><span style="font-size:9pt;color:#000000;white-space:pre-wrap;min-width:fit-content;">31</span></p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"><span style="min-width:fit-content;"> </span></p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"><span style="white-space:pre-wrap;min-width:fit-content;"> </span></p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"><span style="color:#000000;min-width:fit-content;">$</span></p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"><span style="font-size:9pt;color:#000000;white-space:pre-wrap;min-width:fit-content;">44</span></p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"><span style="min-width:fit-content;"> </span></p></td> </tr> <tr style="height:9pt;background-color:#ffffff;word-break:break-word;"> <td style="white-space:pre-wrap;vertical-align:top;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"><span style="color:#000000;white-space:pre-wrap;min-width:fit-content;">Level 3 derivative instruments</span></p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"><span style="white-space:pre-wrap;min-width:fit-content;"> </span></p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"><span style="min-width:fit-content;"> </span></p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"><span style="color:#000000;white-space:pre-wrap;font-size:9pt;min-width:fit-content;">(</span><span style="font-size:9pt;color:#000000;white-space:pre-wrap;min-width:fit-content;">26</span></p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"><span style="color:#000000;min-width:fit-content;">)</span></p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"><span style="white-space:pre-wrap;min-width:fit-content;"> </span></p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"><span style="min-width:fit-content;"> </span></p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"><span style="color:#000000;white-space:pre-
```

	(	132	)			
		)			23	
		(	110	)	)	
Noncontrolling and equity interest (Level 2)			—		1	
		—		2		
Total		$				

align:right;">(36</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">)</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">$</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">(127</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">)</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">$</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">54</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">$</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">(64</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">)</p></td> </tr> </table>4000000110000001600000090000003400000011910000001600000012970000003800000012020000003270000004200000028000000-146000000-7500000197000000-58000001000000200000030000000-153000000-74000000241000000-27000002800000032000000-4000000-1000000400000310000004400000026000000-1320000023000000-110000001000000020000000-36000000-127000005400000064000000400000044000000480000004000000<p style="font-size:10pt;margin-top:9pt;font-family:Times New Roman;margin-bottom:0;text-align:left;">The following table presents the outstanding quantities of derivative instruments classified as Level 1:</p><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p> <table style="margin-left:auto;border-spacing:0;table-layout:fixed;width:100.0%;border-collapse:separate;margin-right:auto;"> <tr style="visibility:collapse;"> <td style="width:41.3%;"></td> <td style="width:25.5%;"></td> <td style="width:1%;"></td> <td style="width:1%;"></td> <td style="width:13.3%;"></td> <td style="width:1%;"></td> <td style="width:1%;"></td> <td style="width:1%;"></td> <td style="width:13.9%;"></td> <td style="width:1%;"></td> </tr> <tr style="height:9pt;background-color:#ffffff;white-space:pre-wrap;word-break:break-word;"> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">Classification</p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td colspan="2" style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;">June 30, 2024</p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"> </p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"> </p></td> <td colspan="2" style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;">June 30, 2023</p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"> </p></td> </tr> <tr style="height:9pt;background-color:#cff0fc;word-break:break-word;"> <td style="white-space:pre-wrap;vertical-align:top;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">Aluminum (in kmt)</p></td> <td style="white-space:pre-wrap;vertical-align:top;"><p

Commodity buy forwards			133				187		
Aluminum (in kmt)	Commodity sell forwards			80				206	
Foreign currency (in millions of euro)	Foreign exchange buy forwards			61				86	
Foreign currency (in millions of euro)	Foreign exchange sell forwards								

				16	
				18	
Foreign currency (in millions of Norwegian krone)	Foreign exchange buy forwards		85		232
Foreign currency (in millions of Brazilian real)	Foreign exchange buy forwards		351		1,010
Foreign currency (in millions of Canadian dollar)	Foreign exchange buy forwards		22		

align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">—</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> </tr> </table>133000187000800002060006100000860000016000001800000850000023200000351000000101000122025-062025-082025-03<p style="font-size:10pt;margin-top:9pt;font-family:Times New Roman;margin-bottom:0;text-align:left;">The following table presents quantitative information related to the significant unobservable inputs described above for Level 3 derivative instruments (megawatt hours in MWh): </p><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p> <table style="margin-left:auto;border-spacing:0;table-layout:fixed;width:100.0%;border-collapse:separate;margin-right:auto;"> <tr style="visibility:collapse;"> <td style="width:15.82%;"></td> <td style="width:1.08%;"></td> <td style="width:1%;"></td> <td style="width:11.52%;"></td> <td style="width:1%;"></td> <td style="width:1.12%;"></td> <td style="width:26.6%;"></td> <td style="width:1.12%;"></td> <td style="width:17.18%;"></td> <td style="width:23.56%;"></td> </tr> <tr style="height:9pt;background-color:#ffffff;white-space:pre-wrap;word-break:break-word;"> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"> </p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"> </p></td> <td colspan="2" style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;">June 30, 2024</p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"> </p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"> </p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">Unobservable Input</p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"> </p></td> <td colspan="2" style="vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">Unobservable Input Range</p></td> </tr> <tr style="height:9pt;background-color:#ffffff;white-space:pre-wrap;word-break:break-word;"> <td style="vertical-align:top;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">Asset Derivatives</p></td> <td style="vertical-align:top;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td colspan="2" style="vertical-align:top;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="vertical-align:top;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="vertical-align:top;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="vertical-align:top;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="vertical-align:top;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="vertical-align:top;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="vertical-align:top;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> </tr> <tr style="height:9pt;background-color:#ffffff;word-break:break-word;"> <td style="border-top:0.5pt solid #000000;white-space:pre-wrap;vertical-align:top;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">Financial contract (undesignated)</p></td> <td style="border-top:0.5pt solid #000000;white-space:pre-wrap;vertical-align:top;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="border-top:0.5pt solid #000000;white-space:nowrap;vertical-align:top;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">$</p></td> <td style="border-top:0.5pt solid #000000;white-space:pre-wrap;vertical-align:top;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"><span style="font-

34

Interrelationship of forward energy price, LME forward price, and the Consumer Price Index

Electricity
(per MWh)

2024: $93.52
2024: $40.54

LME (per mt)

2024: $2,491

2024: $2,562

Total Asset Derivatives

$ 34

Liability Derivatives							
Power contract	$	180			MWh of energy needed to produce the forecasted mt of aluminum		LME (per mt)	2024: $2,491 2027: $2,742

		Electricity						Electricity	Rate of 4 million MWh per year
Power contracts			1,008			MWh of energy needed to produce the forecasted mt of aluminum		LME (per mt)	2024: $2,491 2029: $2,734 2036: $2,934
								Midwest premium (per pound)	2024: $0.1999 2029: $0.2365 2036: $0.2365

					Electricity	Rate of 18 million MWh per year
Power contract			2		MWh of energy needed to produce the forecasted mt of aluminum	
					LME (per mt)	2024: $2,491 2024: $2,524
						Midwest premium (per pound)	2024: $0.1999 2024: $0.2240

solid #000000;text-align:center;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="vertical-align:top;border-bottom:0.5pt solid #000000;">...

				Electricity	Rate of 2 million MWh per year
Power contract (undesignated)			1	Estimated spread between the 30-year debt yield of Alcoa and the counterparty	Credit spread — 1.71%: 30-year debt yield spread / 6.98%: Alcoa (estimated) / 5.27%: counterparty
Total Liability Derivatives		$	1,191		

3400000093.5240.542491256234000001800000024912742400000010080000024912734 29340.19990

The fair values of Level 3 derivative instruments recorded in the accompanying Consolidated Balance Sheet were as follows:

Asset Derivatives	June 30, 2024	December 31, 2023
Derivatives not designated as hedging instruments:		
Current—financial contract	$ 34	$ 16
Total derivatives not designated as hedging instruments		

content;">$</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">34</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">$</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">16</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> </tr> <tr style="height:9pt;background-color:#ffffff;word-break:break-word;"> <td style="white-space:pre-wrap;vertical-align:top;border-bottom:0.5pt solid #000000;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">Total Asset Derivatives</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">$</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">34</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">$</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">16</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> </tr> <tr style="height:9pt;background-color:#cff0fc;white-space:pre-wrap;word-break:break-word;"> <td style="vertical-align:top;border-bottom:0.5pt solid #000000;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">Liability Derivatives</p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td colspan="2" style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td colspan="2" style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> </tr> <tr style="height:9pt;background-color:#ffffff;white-space:pre-wrap;word-break:break-word;"> <td style="vertical-align:top;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">Derivatives designated as hedging instruments:</p></td> <td style="vertical-align:bottom;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td colspan="2" style="vertical-align:bottom;text-align:center;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="vertical-align:bottom;text-align:center;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="vertical-align:bottom;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td colspan="2" style="vertical-align:bottom;text-align:center;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="vertical-align:bottom;text-align:center;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> </tr> <tr style="height:9pt;background-color:#cff0fc;word-break:break-word;"> <td style="text-indent:10pt;white-space:pre-wrap;vertical-align:top;"><p style="margin-left:10pt;text-

Current—power contracts		$	245	
			$	210
Noncurrent—power contracts			945	
			1,087	
Total derivatives designated as hedging instruments		$	1,190	
		$	1,297	
Derivatives not designated as hedging instruments:				

Noncurrent—embedded credit derivative			1			—
Total derivatives not designated as hedging instruments		$	1		$	—
Total Liability Derivatives		$	1,191		$	

1,297

3400000160000003400000160000034000001600000024500000210000009450000010870000001245000000134400001456000

The following tables present the reconciliation of activity for Level 3 derivative instruments:

	Assets	
Second quarter ended June 30, 2024	Financial contracts	
April 1, 2024	$	12
Total gains or losses included in:		
Other income, net (unrealized/realized)		55
Settlements and other		

bottom:0;text-align:right;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">(33</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">)</p></td> </tr> <tr style="height:9pt;background-color:#cff0fc;word-break:break-word;"> <td style="white-space:pre-wrap;vertical-align:top;border-bottom:0.5pt solid #000000;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">June 30, 2024</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">$</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">34</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> </tr> <tr style="height:9pt;background-color:#ffffff;white-space:pre-wrap;word-break:break-word;"> <td style="vertical-align:top;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">Change in unrealized gains or losses included in earnings
   for derivative instruments held at June 30, 2024:</p></td> <td style="vertical-align:bottom;text-align:center;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td colspan="2" style="vertical-align:bottom;text-align:center;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="vertical-align:bottom;text-align:center;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> </tr> <tr style="height:9pt;background-color:#cff0fc;word-break:break-word;"> <td style="text-indent:10pt;white-space:pre-wrap;vertical-align:top;border-bottom:0.5pt solid #000000;"><p style="margin-left:10pt;text-indent:0;font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">Other income, net</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">$</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">55</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> </tr> </table><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p> <table style="margin-left:auto;border-spacing:0;table-layout:fixed;width:100.0%;border-collapse:separate;margin-right:auto;"> <tr style="visibility:collapse;"> <td style="width:59.06%;"></td> <td style="width:2.22%;"></td> <td style="width:1%;"></td> <td style="width:17.34%;"></td> <td style="width:1%;"></td> <td style="width:1%;"></td> <td style="width:17.38%;"></td> <td style="width:1%;"></td> </tr> <tr style="height:9pt;background-color:#ffffff;white-space:pre-wrap;word-break:break-word;"> <td style="vertical-align:bottom;text-align:left;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"> </p></td> <td style="vertical-align:bottom;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td colspan="5" style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;">Liabilities</p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"> </p></td> </tr> <tr style="height:9pt;background-color:#ffffff;white-space:pre-wrap;word-break:break-word;"> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">Second quarter ended June 30, 2024</p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td colspan="2" style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;">Power contracts</p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"><span style="white-space:pre-wrap;min-width:fit-

content;"> </p></td> <td colspan="2" style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;">Embedded
credit
derivative</p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"> </p></td> </tr> <tr style="height:9pt;background-color:#cff0fc;word-break:break-word;"> <td style="white-space:pre-wrap;vertical-align:top;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">April 1, 2024</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">$</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">1,120</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">$</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">—</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> </tr> <tr style="height:9pt;background-color:#ffffff;white-space:pre-wrap;word-break:break-word;"> <td style="text-indent:10pt;vertical-align:top;"><p style="margin-left:10pt;text-indent:0;font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">Total gains or losses included in:</p></td> <td style="vertical-align:bottom;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td colspan="2" style="vertical-align:bottom;text-align:center;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="vertical-align:bottom;text-align:center;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td colspan="2" style="vertical-align:bottom;text-align:center;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="vertical-align:bottom;text-align:center;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> </tr> <tr style="height:9pt;background-color:#cff0fc;word-break:break-word;"> <td style="text-indent:20pt;white-space:pre-wrap;vertical-align:top;"><p style="margin-left:20pt;text-indent:0;font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">Sales (realized)</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">(76</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">)</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">—</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> </tr> <tr style="height:9pt;background-color:#ffffff;word-break:break-word;"> <td style="text-indent:20pt;white-space:pre-wrap;vertical-align:top;"><p style="margin-left:20pt;text-indent:0;font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">Other expenses, net (unrealized/realized)</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">—</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-

top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">1</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> </tr> <tr style="height:9pt;background-color:#cff0fc;word-break:break-word;"> <td style="text-indent:20pt;white-space:pre-wrap;vertical-align:top;"><p style="margin-left:20pt;text-indent:0;font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">Other comprehensive income (unrealized)</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">146</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">—</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> </tr> <tr style="height:9pt;background-color:#ffffff;word-break:break-word;"> <td style="border-top:0.5pt solid #000000;white-space:pre-wrap;vertical-align:top;border-bottom:0.5pt solid #000000;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">June 30, 2024</p></td> <td style="border-top:0.5pt solid #000000;white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="border-top:0.5pt solid #000000;white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">$</p></td> <td style="border-top:0.5pt solid #000000;white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">1,190</p></td> <td style="border-top:0.5pt solid #000000;white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="border-top:0.5pt solid #000000;white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">$</p></td> <td style="border-top:0.5pt solid #000000;white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">1</p></td> <td style="border-top:0.5pt solid #000000;white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> </tr> <tr style="height:9pt;background-color:#cff0fc;white-space:pre-wrap;word-break:break-word;"> <td style="vertical-align:top;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">Change in unrealized gains or losses included in earnings
   for derivative instruments held at June 30, 2024:</p></td> <td style="vertical-align:bottom;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td colspan="2" style="vertical-align:bottom;text-align:center;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="vertical-align:bottom;text-align:center;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td colspan="2" style="vertical-align:bottom;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="vertical-align:bottom;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> </tr> <tr style="height:9pt;background-color:#ffffff;word-break:break-word;"> <td style="text-indent:10pt;white-space:pre-wrap;vertical-align:top;border-bottom:0.5pt solid #000000;"><p style="margin-left:10pt;text-indent:0;font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">Other expenses, net</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">$</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">—</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p

	Assets		Financial contracts	
Six months ended June 30, 2024				
January 1, 2024	$	16		
Total gains or losses included in:				
Other income, net (unrealized/realized)		50		
Settlements and other				

wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">(32</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">)</p></td> </tr> <tr style="height:9pt;background-color:#cff0fc;word-break:break-word;"> <td style="white-space:pre-wrap;vertical-align:top;border-bottom:0.5pt solid #000000;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">June 30, 2024</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">$</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">34</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> </tr> <tr style="height:9pt;background-color:#ffffff;white-space:pre-wrap;word-break:break-word;"> <td style="vertical-align:top;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">Change in unrealized gains or losses included in earnings
   for derivative instruments held at June 30, 2024:</p></td> <td style="vertical-align:bottom;text-align:center;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td colspan="2" style="vertical-align:bottom;text-align:center;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="vertical-align:bottom;text-align:center;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> </tr> <tr style="height:9pt;background-color:#cff0fc;word-break:break-word;"> <td style="text-indent:10pt;white-space:pre-wrap;vertical-align:top;border-bottom:0.5pt solid #000000;"><p style="margin-left:10pt;text-indent:0;font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">Other income, net</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">$</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">50</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> </tr> </table><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p> <table style="margin-left:auto;border-spacing:0;table-layout:fixed;width:100.0%;border-collapse:separate;margin-right:auto;"> <tr style="visibility:collapse;"> <td style="width:59.06%;"></td> <td style="width:2.22%;"></td> <td style="width:1%;"></td> <td style="width:17.34%;"></td> <td style="width:1%;"></td> <td style="width:1%;"></td> <td style="width:17.38%;"></td> <td style="width:1%;"></td> </tr> <tr style="height:9pt;background-color:#ffffff;white-space:pre-wrap;word-break:break-word;"> <td style="vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="vertical-align:bottom;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td colspan="5" style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;">Liabilities</p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"> </p></td> </tr> <tr style="height:9pt;background-color:#ffffff;white-space:pre-wrap;word-break:break-word;"> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">Six months ended June 30, 2024</p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td colspan="2" style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;">Power contracts</p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-

size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"> </p></td> <td colspan="2" style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;">Embedded
credit
derivative</p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"> </p></td> </tr> <tr style="height:9pt;background-color:#cff0fc;word-break:break-word;"> <td style="white-space:pre-wrap;vertical-align:top;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">January 1, 2024</p></td> <td style="white-space:pre-wrap;vertical-align:top;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">$</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">1,297</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">$</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">—</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> </tr> <tr style="height:9pt;background-color:#ffffff;white-space:pre-wrap;word-break:break-word;"> <td style="text-indent:10pt;vertical-align:top;"><p style="margin-left:10pt;text-indent:0;font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">Total gains or losses included in:</p></td> <td style="text-indent:10pt;vertical-align:top;"><p style="margin-left:10pt;text-indent:0;font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td colspan="2" style="vertical-align:bottom;text-align:center;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="vertical-align:bottom;text-align:center;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td colspan="2" style="vertical-align:bottom;text-align:center;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="vertical-align:bottom;text-align:center;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> </tr> <tr style="height:9pt;background-color:#cff0fc;word-break:break-word;"> <td style="text-indent:20pt;white-space:pre-wrap;vertical-align:top;"><p style="margin-left:20pt;text-indent:0;font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">Sales (realized)</p></td> <td style="text-indent:20pt;white-space:pre-wrap;vertical-align:top;"><p style="margin-left:20pt;text-indent:0;font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">(133</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">)</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">—</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> </tr> <tr style="height:9pt;background-color:#ffffff;word-break:break-word;"> <td style="text-indent:20pt;white-space:pre-wrap;vertical-align:top;"><p style="margin-left:20pt;text-indent:0;font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">Other expenses, net (unrealized/realized)</p></td> <td style="text-indent:20pt;white-space:pre-wrap;vertical-align:top;"><p style="margin-left:20pt;text-indent:0;font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">—</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-

			1			
Other comprehensive income (unrealized)			26		—	
June 30, 2024		$	1,190	$	1	
Change in unrealized gains or losses included in earnings for derivative instruments held at June 30, 2024:						
Other expenses, net		$				

align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">—</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">$</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">1</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> </tr> </table>120000005500000033000000340000005500000112000000007600000000100000014600000011900000010000001000001600000500000032000003400000050000000129700000001330000000100000260000000119000000010000001000000<p style="font-size:10pt;margin-top:9pt;font-family:Times New Roman;margin-bottom:0;text-align:left;">The carrying values and fair values of Alcoa Corporation's other financial instruments were as follows: </p><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p> <table style="margin-left:auto;border-spacing:0;table-layout:fixed;width:100.0%;border-collapse:separate;margin-right:auto;"> <tr style="visibility:collapse;"> <td style="width:41.92%;"></td> <td style="width:1.5%;"></td> <td style="width:1%;"></td> <td style="width:11.020000000000001%;"></td> <td style="width:1%;"></td> <td style="width:1.5%;"></td> <td style="width:1%;"></td> <td style="width:11.020000000000001%;"></td> <td style="width:1%;"></td> <td style="width:1.5%;"></td> <td style="width:1%;"></td> <td style="width:11.020000000000001%;"></td> <td style="width:1%;"></td> <td style="width:1.5%;"></td> <td style="width:1%;"></td> <td style="width:11.020000000000001%;"></td> <td style="width:1%;"></td> </tr> <tr style="height:9pt;background-color:#ffffff;white-space:pre-wrap;word-break:break-word;"> <td style="vertical-align:bottom;text-align:left;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"> </p></td> <td style="vertical-align:bottom;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td colspan="6" style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;">June 30, 2024</p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"> </p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #ffffff03;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td colspan="6" style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;">December 31, 2023</p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"> </p></td> </tr> <tr style="height:9pt;background-color:#ffffff;white-space:pre-wrap;word-break:break-word;"> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"> </p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td colspan="2" style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;">Carrying value</p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"> </p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td colspan="2" style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;">Fair value</p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"> </p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td colspan="2" style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;">Carrying value</p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"> </p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"><span style="white-space:pre-wrap;min-width:fit-

		Fair value	
Cash and cash equivalents	$	1,396		$	1,396		$	944		$	944	
Restricted cash		97						97			103	

		103		
Short-term borrowings		31	31	56	56
Long-term debt due within one year		79	79	79	

align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">79</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> </tr> <tr style="height:10pt;background-color:#cff0fc;word-break:break-word;"> <td style="white-space:pre-wrap;vertical-align:top;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">Long-term debt, less amount due within one year</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">2,469</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">2,477</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">1,732</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">1,702</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> </tr> </table>1396000000139600000094400000094400000097000000970000001030000001030000003100000031000000<p style="font-size:10pt;margin-top:12pt;font-family:Times New Roman;margin-bottom:0;text-align:left;">N. Income Taxes - Alcoa Corporation's estimated annualized effective tax rate (AETR) for 2024 as of June 30, 2024 differs from the U.S. federal statutory rate of 21% primarily due to losses in certain jurisdictions with full valuation allowances resulting in no tax benefit. In addition, income in foreign jurisdictions with higher statutory tax rates contribute to the variance from 21%.</p><div style="font-size:10pt;font-family:Times New Roman;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p> <table style="margin-left:auto;border-spacing:0;table-layout:fixed;width:100.0%;border-collapse:separate;margin-right:auto;"> <tr style="visibility:collapse;"> <td style="width:67.941%;"></td> <td style="width:1.501%;"> </td> <td style="width:1%;"></td> <td style="width:11.029%;"></td> <td style="width:1%;"></td> <td style="width:1.501%;"></td> <td style="width:1.501%;"></td> <td style="width:1%;"></td> <td style="width:11.029%;"></td> <td style="width:1%;"></td> <td style="width:1.501%;"></td> </tr> <tr style="height:9pt;background-color:#ffffff;white-space:pre-wrap;word-break:break-word;"> <td style="vertical-align:bottom;text-align:left;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"> </p></td> <td style="vertical-align:bottom;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td

	Six months ended June 30,	
	2024	2023
Loss before income taxes	$ (233)	$ (279)
Estimated annualized effective tax rate	105.1 %	

		(29.3		)%
Income tax (benefit) expense		$ (245)	$	82
Unfavorable (favorable) tax impact related to losses in jurisdictions with no tax benefit		288		(11)
Discrete tax expense		—		

content;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">3</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> </tr> <tr style="height:10pt;background-color:#ffffff;word-break:break-word;"> <td style="white-space:pre-wrap;vertical-align:top;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">Provision for income taxes</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">$</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">43</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">$</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">74</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> </tr> </table></div> <p style="font-size:10pt;margin-top:9pt;font-family:Times New Roman;margin-bottom:0;text-align:left;">Alcoa Australia Holdings Pty Ltd (AAH), a wholly-owned indirect subsidiary of Alcoa, made an election prior to July 31, 2024 that results in Alcoa's other wholly-owned Australian subsidiaries joining AAH's tax consolidated group (the AAH Tax Consolidated Group). As a result of the acquisition of Alumina Limited, Alumina Limited and all of its Australian subsidiaries, as well as AofA and all of its subsidiaries, joined the AAH Tax Consolidated Group on August 1, 2024. Alcoa will recognize a deferred tax asset of approximately $100 related to the portion of Alumina Limited's Australian net operating loss carryforwards that the Company has determined are more likely than not to be realized as a result of the consolidated return election. </p><p style="font-size:10pt;margin-top:9pt;font-family:Times New Roman;margin-bottom:0;text-align:left;">The Inflation Reduction Act of 2022 (IRA) contains a number of tax credits and other incentives for investments in renewable energy production, carbon capture, and other climate-related actions, as well as the production of critical minerals. In December 2023, the U.S. Treasury issued guidance on Section 45X of the Advanced Manufacturing Tax Credit. The Notice of Proposed Rulemaking (the Notice) clarifies that commercial grade aluminum can qualify for the credit, which was designed to incentivize domestic production of critical materials important for the global transition to renewable energy. In the second quarter and six-month period of 2024, the Company recorded benefits of $10 and $20 in Cost of goods sold, respectively, related to its Massena West smelter (New York) and its Warrick smelter (Indiana). As of June 30, 2024, benefits of $36 were included in Other receivables and $<span style="font-size:10pt;font-family:Times New

Roman;color:#000000;white-space:pre-wrap;min-width:fit-content;">20 were included in Other noncurrent assets on the Consolidated Balance Sheet. As of December 31, 2023, benefits of $36 were included in Other receivables on the Consolidated Balance Sheet. </p>0.210.21<p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p> <table style="margin-left:auto;border-spacing:0;table-layout:fixed;width:100.0%;border-collapse:separate;margin-right:auto;"> <tr style="visibility:collapse;"> <td style="width:67.941%;"></td> <td style="width:1.501%;"></td> <td style="width:1%;"></td> <td style="width:11.029%;"></td> <td style="width:1%;"></td> <td style="width:1.501%;"></td> <td style="width:1.501%;"></td> <td style="width:1%;"></td> <td style="width:11.029%;"></td> <td style="width:1%;"></td> <td style="width:1.501%;"></td> </tr> <tr style="height:9pt;background-color:#ffffff;white-space:pre-wrap;word-break:break-word;"> <td style="vertical-align:bottom;text-align:left;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"> </p></td> <td style="vertical-align:bottom;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td colspan="9" style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;">Six months ended June 30,</p></td> </tr> <tr style="height:9pt;background-color:#ffffff;white-space:pre-wrap;word-break:break-word;"> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"> </p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td colspan="2" style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;">2024</p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"> </p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td colspan="2" style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;">2023</p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"> </p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> </tr> <tr style="height:10pt;background-color:#cff0fc;word-break:break-word;"> <td style="white-space:pre-wrap;vertical-align:top;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">Loss before income taxes</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">$</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">(233</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">)</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">$</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">(279</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">)</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> </tr> <tr style="height:10pt;background-color:#ffffff;word-break:break-word;"> <td style="white-space:pre-wrap;vertical-align:top;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">Estimated annualized effective tax rate</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New

		105.1		%				(29.3	) %
Income tax (benefit) expense		$	(245	)		$	82		
Unfavorable (favorable) tax impact related to losses in jurisdictions with no tax benefit			288				(11	)	

align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> </tr> <tr style="height:10pt;background-color:#cff0fc;word-break:break-word;"> <td style="white-space:pre-wrap;vertical-align:top;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">Discrete tax expense</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">— </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">3</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> </tr> <tr style="height:10pt;background-color:#ffffff;word-break:break-word;"> <td style="white-space:pre-wrap;vertical-align:top;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">Provision for income taxes</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">$</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">43</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">$</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">74</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> </tr> </table>-233000000-2790000001.051-0.293-24500000082000000288000000-11000000030000004300000740000001000000001000000200000003600000200000036000000<p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">O. Contingencies</p><p style="font-size:10pt;margin-top:9pt;font-family:Times New Roman;margin-bottom:0;text-align:left;">Environmental Matters</p><p style="font-size:10pt;margin-top:9pt;font-family:Times New Roman;margin-bottom:0;text-align:left;">Alcoa Corporation participates in environmental assessments and cleanups at several locations. These include currently or previously owned or operated facilities and adjoining properties, and waste sites, including Superfund (Comprehensive Environmental Response, Compensation and Liability Act (CERCLA)) sites. </p><p style="font-size:10pt;margin-top:9pt;font-family:Times New Roman;margin-bottom:0;text-align:left;">Alcoa Corporation's environmental remediation reserve balance reflects the most probable costs to remediate identified environmental conditions for which costs can be

reasonably estimated. The following table details the changes in the carrying value of recorded environmental remediation reserves:</p><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p><div style="font-size:10pt;font-family:Times New Roman;"> <table style="margin-left:auto;border-spacing:0;table-layout:fixed;width:100.0%;border-collapse:separate;margin-right:auto;"> <tr style="visibility:collapse;"> <td style="width:75.64%;"></td> <td style="width:2.32%;"></td> <td style="width:1%;"></td> <td style="width:20.04%;"></td> <td style="width:1%;"></td> </tr> <tr style="height:10pt;background-color:#cff0fc;word-break:break-word;"> <td style="border-top:0.5pt solid #000000;white-space:pre-wrap;vertical-align:top;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">Balance at December 31, 2022</p></td> <td style="border-top:0.5pt solid #000000;white-space:pre-wrap;vertical-align:top;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="border-top:0.5pt solid #000000;white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">$</p></td> <td style="border-top:0.5pt solid #000000;white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">284</p></td> <td style="border-top:0.5pt solid #000000;white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> </tr> <tr style="height:10pt;background-color:#ffffff;word-break:break-word;"> <td style="white-space:pre-wrap;vertical-align:top;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">Liabilities incurred</p></td> <td style="white-space:pre-wrap;vertical-align:top;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">39</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> </tr> <tr style="height:10pt;background-color:#cff0fc;word-break:break-word;"> <td style="white-space:pre-wrap;vertical-align:top;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">Cash payments</p></td> <td style="white-space:pre-wrap;vertical-align:top;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">(55</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">)</p></td> </tr> <tr style="height:10pt;background-color:#ffffff;word-break:break-word;"> <td style="white-space:pre-wrap;vertical-align:top;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">Reversals of previously recorded liabilities</p></td> <td style="white-space:pre-wrap;vertical-align:top;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">(1</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">)</p></td> </tr> <tr style="height:10pt;background-color:#cff0fc;word-break:break-word;"> <td style="white-space:pre-wrap;vertical-align:top;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">Foreign currency translation and other</p></td> <td style="white-space:pre-wrap;vertical-align:top;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">1</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-

Balance at December 31, 2023		268
Liabilities incurred		1
Cash payments		(16)
Foreign currency translation and other		(1)
Balance at June 30, 2024	$	252

At June 30, 2024 and December 31, 2023, the current portion of the environmental

remediation reserve balance was $61 and $66, respectively.

Payments related to remediation expenses applied against the reserve were $10 and $16 in the second quarter and six-month period of 2024, respectively. These amounts include mandated expenditures as well as those not required by any regulatory authority or third party.

During the second quarter and six-month period of 2023, the Company incurred liabilities of $4 and $18, respectively. The Company incurred liabilities of $14 for the six-month period of 2023 primarily related to the closure of the previously curtailed Intalco aluminum smelter, which was recorded in Restructuring and other charges, net (see Note D) on the Statement of Consolidated Operations, and incurred liabilities of $4 for the second quarter of 2023 for ongoing remediation work at various other sites, which was recorded in Cost of goods sold on the accompanying Statement of Consolidated Operations. Payments related to remediation expenses applied against the reserve were $16 and $23 in the second quarter and six-month period of 2023, respectively. These amounts include mandated expenditures as well as those not required by any regulatory authority or third party. Further, the Company recorded a reversal of a reserve of $1 during the six-month period of 2023 due to the determination that certain remaining site remediation is no longer required.

The estimated timing of cash outflows from the environmental remediation reserve at June 30, 2024 was as follows:

2024 (excluding the six months ended June 30, 2024)	$	

bottom:0;text-align:right;">48</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> </tr> <tr style="height:10pt;background-color:#ffffff;word-break:break-word;"> <td style="white-space:pre-wrap;vertical-align:top;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">2025 – 2029</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">119</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> </tr> <tr style="height:10pt;background-color:#cff0fc;word-break:break-word;"> <td style="white-space:pre-wrap;vertical-align:top;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">Thereafter</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">85</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> </tr> <tr style="height:10pt;background-color:#ffffff;word-break:break-word;"> <td style="white-space:pre-wrap;vertical-align:top;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">Total</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">$</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">252</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> </tr> </table></div><p style="font-size:10pt;margin-top:9pt;font-family:Times New Roman;margin-bottom:0;text-align:left;">Reserve balances at June 30, 2024 and December 31, 2023, associated with significant sites with active remediation underway or for future remediation were $199 and $211, respectively. In management's judgment, the Company's reserves are sufficient to satisfy the provisions of the respective action plans. Upon changes in facts or circumstances, a change to the reserve may be required. The Company's significant sites include: </p><p style="font-size:10pt;margin-top:9pt;font-family:Times New Roman;margin-bottom:0;text-align:left;">Suriname—The reserve associated with the 2017 closure of the Suralco refinery and bauxite mine is for treatment and disposal of refinery waste and soil remediation. The work began in 2017 and is expected to be completed at the end of 2029. </p><p style="font-size:10pt;margin-top:9pt;font-family:Times New Roman;margin-bottom:0;text-align:left;">Hurricane Creek, Arkansas—The reserve associated with the 1990 closure of two mining areas and refineries near Hurricane Creek, Arkansas is for ongoing monitoring and maintenance for water quality surrounding the mine areas and residue disposal areas.</p><p style="font-size:10pt;margin-top:9pt;font-family:Times New Roman;margin-bottom:0;text-align:left;">Massena, New York—The reserve associated with the 2015 closure of the Massena East smelter by the Company's subsidiary, Reynolds Metals Company, is for subsurface soil remediation to be performed after demolition of the structures. Remediation work commenced in 2021 and will take four to eight years to complete.<span style="color:#000000;white-

Point Comfort, Texas—The reserve associated with the 2019 closure of the Point Comfort alumina refinery is for disposal of industrial wastes contained at the site, subsurface remediation, and post-closure monitoring and maintenance. The final remediation plan is currently being developed, which may result in a change to the existing reserve.

Sherwin, Texas—In connection with the 2018 settlement of a dispute related to the previously-owned Sherwin alumina refinery, the Company's subsidiary, Copano Enterprises LLC, accepted responsibility for the final closure of four bauxite residue waste disposal areas (known as the Copano facility). Work commenced on the first residue disposal area in 2018 and is expected to be completed no later than May 2028. Other than ongoing maintenance and repair activities, work on the next three areas has not commenced but is expected to be completed by 2048, depending on its potential re-use.

Longview, Washington—In connection with a 2018 Consent Decree and Cleanup Action Plan with the State of Washington Department of Ecology, the Company's subsidiary, Northwest Alloys as landowner, accepted certain responsibilities for future remediation of contaminated soil and sediments at the site located near Longview, Washington. In December 2020, the lessee of the land, who was a partner in the remediation of the site, filed for bankruptcy and exited the site in January 2021. The full site remediation project design, including long-term and post-closure monitoring and maintenance at the site, was approved in March 2023. In the third quarter of 2023, changes in scope and cost increases for remediation resulted in an increase to the reserve. The project is planned to be completed by the end of 2026.

Addy, Washington—The reserve associated with the 2022 closure of the Addy magnesium smelter facility is for site-wide remediation and investigation and post-closure monitoring and maintenance. Remediation work is not expected to begin until 2026 and will take three to five years to complete. The final remediation plan is currently being developed, which may result in a change to the existing reserve.

Ferndale, Washington—The reserve associated with the 2023 closure of the Intalco aluminum smelter in Ferndale, Washington is for below grade site remediation and five years of post-closure maintenance and monitoring. The final remediation plan is under review.

Other Sites—The Company is in the process of decommissioning various other plants and remediating sites in several countries for potential redevelopment or to return the land to a natural state. In aggregate, there are remediation projects at 32 other sites that are planned or underway. These activities will be completed at various times in the next three to five years, after which ongoing monitoring and other activities may be required. At June 30, 2024 and December 31, 2023, the reserve balance associated with these activities was $53 and $57, respectively.

Tax

Brazil (AWAB)—Under Brazilian law, taxpayers who generate non-cumulative federal value added tax credits related to exempt exports may either request a refund in cash (monetization) or offset them against other federal taxes owed. In 2012, AWAB requested monetization of $136 (R$273) from the Brazilian Federal Revenue Office (RFB) and received $68 (R$136) that year. In March 2013, AWAB was notified by the RFB that approximately $110 (R$220) of value added tax credits previously claimed were being disallowed and a penalty of 50% was assessed. $41 (R$82) of the cash received in 2012 related to the disallowed amount. The value added tax credits were claimed by AWAB for both fixed assets and export sales related to the Juruti bauxite mine and Alumar refinery expansion for tax years 2009 through 2011. The RFB has disallowed credits they allege belong to the consortium in which AWAB owns an interest and should not have been claimed by AWAB. Credits have also been disallowed as a result of challenges to apportionment methods used, questions about the use of the credits, and an alleged lack of documented proof. AWAB presented defense of its claim to the RFB on April 8, 2013.

In February 2022, the RFB notified AWAB that it had inspected the value added tax credits claimed for 2012 and disallowed $4 (R$19). In its decision, the RFB allowed credits of $14 (R$65) that were similar to those previously disallowed for 2009 through 2011. In July 2022, the RFB notified AWAB that it had inspected the value added tax credits claimed for 2013 and disallowed $13 (R$66). In its decision, the RFB allowed credits of $10 (R$53) that were similar to those previously disallowed for 2009 through 2011. AWAB received the 2012 allowed credits with interest of $9 (R$44) in March 2022 and the 2013 allowed credits with interest of $6 (R$31) in August 2022. The decisions on the 2012 and

2013 credits provide positive evidence to support management's opinion that there is no basis for these credits to be disallowed. AWAB will continue to dispute the credits that were disallowed for 2012 and 2013. If AWAB is successful in this administrative process, the RFB would have no further recourse. If unsuccessful in this process, AWAB has the option to litigate at a judicial level. Separately from AWAB's administrative appeal, in June 2015, a new tax law was enacted repealing the provisions in the tax code that were the basis for the RFB assessing a 50% penalty in this matter. As such, the estimated range of reasonably possible loss for these matters is $0 to $55 (R$305). It is management's opinion that the allegations have no basis; however, at this time, the Company is unable to reasonably predict an outcome for this matter. </p><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p><p style="font-size:10pt;margin-top:9pt;font-family:Times New Roman;margin-bottom:0;text-align:left;">Australia (AofA)—In December 2019, AofA received a statement of audit position (SOAP) from the Australian Taxation Office (ATO) related to the pricing of certain historic third-party alumina sales. The SOAP proposed adjustments that would result in additional income tax payable by AofA. During 2020, the SOAP was the subject of an independent review process within the ATO. At the conclusion of this process, the ATO determined to continue with the proposed adjustments and issued Notices of Assessment (the Notices) that were received by AofA on July 7, 2020. The Notices asserted claims for income tax payable by AofA of approximately $143 (A$214). The Notices also included claims for compounded interest on the tax amount totaling approximately $474 (A$707). </p><p style="font-size:10pt;margin-top:9pt;font-family:Times New Roman;margin-bottom:0;text-align:left;">On September 17, 2020, the ATO issued a position paper with its preliminary view on the imposition of administrative penalties related to the tax assessment issued to AofA. This paper proposed penalties of approximately $86 (A$128). </p><p style="font-size:10pt;margin-top:9pt;font-family:Times New Roman;margin-bottom:0;text-align:left;">AofA disagreed with the Notices and with the ATO's proposed position on penalties. During 2020, AofA lodged formal objections to the Notices, provided a submission on the ATO's imposition of interest and submitted a response to the ATO's position paper on penalties. After the ATO completes its review of AofA's response to the penalties position paper, the ATO could issue a penalty assessment.</p><p style="font-size:10pt;margin-top:9pt;font-family:Times New Roman;margin-bottom:0;text-align:left;">To date, AofA has not received a response to its submission on the ATO's imposition of interest or its response to the ATO's position paper on penalties.</p><p style="font-size:10pt;margin-top:9pt;font-family:Times New Roman;margin-bottom:0;text-align:left;">Through February 1, 2022, AofA did not receive a response from the ATO on AofA's formal objections to the Notices and, on that date, AofA submitted statutory notices to the ATO requiring the ATO to make decisions on AofA's objections within a 60-day period. On April 1, 2022, the ATO issued its decision disallowing the Company's objections related to the income tax assessment, while the position on penalties and interest remains outstanding. </p><p style="font-size:10pt;margin-top:9pt;font-family:Times New Roman;margin-bottom:0;text-align:left;"><span style="color:#000000;white-space:pre-wrap;font-size:10pt;font-family:Times New Roman;min-width:fit-content;">On April 29, 2022, AofA filed proceedings in the Australian Administrative Appeals Tribunal (AAT) against the ATO to contest the Notices. The AAT held the first directions hearing on July 25, 2022 ordering AofA to file its evidence and related materials by November 4, 2022, ATO to file its materials by April 14, 2023 and AofA to file reply materials by May 26, 2023. AofA filed its evidence and related materials on November 4, 2022. The ATO did not file its materials by April 14, 2023. At a directions hearing on May 17, 2023, the ATO was granted an extension to file its materials by August 18, 2023. At a directions hearing on September 26, 2023, the ATO was granted an additional extension to file its materials by November 3, 2023. The ATO filed its materials on November 13, 2023. At a directions hearing on

November 22, 2023, AofA was ordered to file any reply materials by March 15, 2024. AofA filed its reply materials on March 15, 2024. The substantive hearing was completed in June 2024, and AofA is awaiting the AAT's decision.

The Company maintains that the sales subject to the ATO's review, which were ultimately sold to Aluminium Bahrain B.S.C., were the result of arm's length transactions by AofA over two decades and were made at arm's length prices consistent with the prices paid by other third-party alumina customers.

In accordance with the ATO's dispute resolution practices, AofA paid 50% of the assessed income tax amount exclusive of interest and any penalties, or approximately $74 (A$107), during the third quarter 2020, and the ATO is not expected to seek further payment prior to final resolution of the matter. If AofA is ultimately successful, any amounts paid to the ATO as part of the 50% payment would be refunded. AofA funded the payment with cash on hand and recorded the payment within Other noncurrent assets as a noncurrent prepaid tax asset; at June 30, 2024 the related balance was $72 (A$107).

Further interest on the unpaid tax will continue to accrue during the dispute. The initial interest assessment and the additional interest accrued are deductible against taxable income by AofA but would be taxable as income in the year the dispute is resolved if AofA is ultimately successful. AofA applied this deduction beginning in the third quarter of 2020, reducing cash tax payments. At June 30, 2024 and December 31, 2023, total reductions in cash tax payments were $209 (A$312) and $199 (A$293), respectively, and are reflected within Other noncurrent liabilities and deferred credits as a noncurrent accrued tax liability.

The Company continues to believe it is more likely than not that AofA's tax position will be sustained and therefore is not recognizing any tax expense in relation to this matter. However, because the ultimate resolution of this matter is uncertain at this time, the Company cannot predict the potential loss or range of loss associated with the outcome, which may materially affect its results of operations and financial condition. References to any assessed U.S. dollar amounts presented in connection with this matter have been converted into U.S. dollars from Australian dollars based on the exchange rate in the respective period.

Legal Proceedings

St. Croix Proceedings—Prior to 2012, Alcoa Inc., the Company's former parent company, was served with two multi-plaintiff actions alleging personal injury or property damage from Hurricane Georges or winds blowing material from the Company's former St. Croix alumina facility. These actions were subsequently consolidated into the Red Dust Claims docket in 2017.

In March 2022, the Superior Court of the Virgin Islands issued an amended case management order dividing complaints filed in the Red Dust docket into groups of 50 complaints, designated Groups A through I. The parties selected 10 complaints from Group A to proceed to trial as the Group A lead cases. In May 2024, the Court issued an amended case management order with regard to the

Group A lead cases scheduling trials to begin in November 2024. Trials with regard to the Group A lead cases will continue through July 2025. The Court further ordered the parties to participate in mediation on or before August 31, 2024. After completing its case analysis in the second quarter of 2024, the Company recorded a reserve for its estimate of probable loss and a related receivable for insurance proceeds with no material impact to the results of operations.</p><p style="font-size:10pt;margin-top:9pt;font-family:Times New Roman;margin-bottom:0;text-align:left;">General </p><p style="font-size:10pt;margin-top:9pt;font-family:Times New Roman;margin-bottom:0;text-align:left;">In addition to the matters discussed above, various other lawsuits, claims, and proceedings have been or may be instituted or asserted against Alcoa Corporation, including those pertaining to environmental, safety and health, commercial, tax, product liability, intellectual property infringement, governance, employment, and employee and retiree benefit matters, and other actions and claims arising out of the normal course of business. While the amounts claimed in these other matters may be substantial, the ultimate liability is not readily determinable because of the considerable uncertainties that exist. Accordingly, it is possible that the Company's liquidity or results of operations in a particular period could be materially affected by one or more of these other matters. However, based on facts currently available, management believes that the disposition of these other matters that are pending or asserted will not have a material adverse effect, individually or in the aggregate, on the financial position of the Company.</p>The following table details the changes in the carrying value of recorded environmental remediation reserves: <table style="margin-left:auto;border-spacing:0;table-layout:fixed;width:100.0%;border-collapse:separate;margin-right:auto;"> <tr style="visibility:collapse;"> <td style="width:75.64%;"></td> <td style="width:2.32%;"></td> <td style="width:1%;"></td> <td style="width:20.04%;"></td> <td style="width:1%;"></td> </tr> <tr style="height:10pt;background-color:#cff0fc;word-break:break-word;"> <td style="border-top:0.5pt solid #000000;white-space:pre-wrap;vertical-align:top;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">Balance at December 31, 2022</p></td> <td style="border-top:0.5pt solid #000000;white-space:pre-wrap;vertical-align:top;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="border-top:0.5pt solid #000000;white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">$</p></td> <td style="border-top:0.5pt solid #000000;white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">284</p></td> <td style="border-top:0.5pt solid #000000;white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> </tr> <tr style="height:10pt;background-color:#ffffff;word-break:break-word;"> <td style="white-space:pre-wrap;vertical-align:top;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">Liabilities incurred</p></td> <td style="white-space:pre-wrap;vertical-align:top;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">39</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> </tr> <tr style="height:10pt;background-color:#cff0fc;word-break:break-word;"> <td style="white-space:pre-wrap;vertical-align:top;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">Cash payments</p></td> <td style="white-space:pre-wrap;vertical-align:top;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">(55</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">)</p></td> </tr> <tr style="height:10pt;background-color:#ffffff;word-break:break-word;"> <td style="white-space:pre-wrap;vertical-align:top;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">Reversals of previously recorded liabilities</p></td> <td style="white-space:pre-wrap;vertical-align:top;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-

	(	1	)
Foreign currency translation and other		1	
Balance at December 31, 2023		268	
Liabilities incurred		1	
Cash payments	(	16	)
Foreign currency translation and other	(	1	)
Balance at June 30, 2024			

size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">$</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">252</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> </tr> </table>2840000039000000550000000-100000010000002680000001000000160000000-10000002520000006100000660000001000000016000000400000018000000140000004000000160000002300000

style="font-size:10pt;margin-top:9pt;font-family:Times New Roman;margin-bottom:0;text-align:left;">The estimated timing of cash outflows from the environmental remediation reserve at June 30, 2024 was as follows: </p> <table style="margin-left:auto;border-spacing:0;table-layout:fixed;width:100.0%;border-collapse:separate;margin-right:auto;"> <tr style="visibility:collapse;"> <td style="width:83.657%;"></td> <td style="width:1%;"></td> <td style="width:14.343%;"></td> <td style="width:1%;"></td> </tr> <tr style="height:10pt;background-color:#cff0fc;word-break:break-word;"> <td style="white-space:pre-wrap;vertical-align:top;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">2024 (excluding the six months ended June 30, 2024)</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">$</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">48</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> </tr> <tr style="height:10pt;background-color:#ffffff;word-break:break-word;"> <td style="white-space:pre-wrap;vertical-align:top;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">2025 – 2029</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">119</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> </tr> <tr style="height:10pt;background-color:#cff0fc;word-break:break-word;"> <td style="white-space:pre-wrap;vertical-align:top;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">Thereafter</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">85</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> </tr> <tr style="height:10pt;background-color:#ffffff;word-break:break-word;"> <td style="white-space:pre-wrap;vertical-align:top;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">Total</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">$</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">252</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> </tr> </table>4800000011900000085000000252000000199000000211000000P8YP5YP5Y3253000000570000001360000

style="font-size:10pt;margin-top:12pt;font-family:Times New Roman;margin-bottom:0;text-align:left;">P. Other Financial Information</p><div style="font-size:10pt;font-family:Times New Roman;"><p style="font-size:10pt;margin-top:9pt;font-family:Times New Roman;margin-bottom:0;text-align:left;">Other (Income) Expenses, Net</p> <table style="margin-left:auto;border-spacing:0;table-layout:fixed;width:100.0%;border-collapse:separate;margin-right:auto;"> <tr style="visibility:collapse;"> <td style="width:50%;"></td> <td style="width:1.3%;"></td> <td style="width:1%;"></td> <td style="width:9.200000000000001%;"></td> <td style="width:1%;"></td> <td style="width:1.3%;"></td> <td style="width:1%;"></td> <td style="width:9.200000000000001%;"></td> <td style="width:1%;"></td> <td style="width:1.3%;"></td> <td style="width:1%;"></td> <td style="width:9.200000000000001%;"></td> <td style="width:1%;"></td> <td style="width:1.3%;"></td> <td style="width:1%;"></td> <td style="width:9.200000000000001%;"></td> <td

style="width:1%;"></td> </tr> <tr style="height:9pt;background-color:#ffffff;white-space:pre-wrap;word-break:break-word;"> <td style="vertical-align:bottom;text-align:left;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"> </p></td> <td style="vertical-align:bottom;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td colspan="6" style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;">Second quarter ended
June 30,</p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"> </p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #ffffff03;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td colspan="6" style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;">Six months ended
June 30,</p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"> </p></td> </tr> <tr style="height:9pt;background-color:#ffffff;white-space:pre-wrap;word-break:break-word;"> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"> </p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td colspan="2" style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;">2024</p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"> </p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td colspan="2" style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;">2023</p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"> </p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td colspan="2" style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;">2024</p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"> </p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td colspan="2" style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;">2023</p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"> </p></td> </tr> <tr style="height:10pt;background-color:#cff0fc;word-break:break-word;"> <td style="white-space:pre-wrap;vertical-align:top;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">Equity (gain) loss</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">$</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">(22</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">)</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">$</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">44</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-

	$	5			$	139	
Foreign currency losses (gains), net		57		(39)		81	(55)
Net loss from asset sales		6		1			

Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">17</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">15</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> </tr> <tr style="height:10pt;background-color:#ffffff;word-break:break-word;"> <td style="white-space:pre-wrap;vertical-align:top;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">Net (gain) loss on mark-to-market derivative instruments</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">(54</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">)</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">9</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">(49</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">)</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">(17</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">)</p></td> </tr> <tr style="height:10pt;background-color:#cff0fc;word-break:break-word;"> <td style="white-space:pre-wrap;vertical-align:top;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">Non-service costs – pension and other postretirement benefits</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">4</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-

align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">3</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">8</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">6</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> </tr> <tr style="height:10pt;background-color:#ffffff;word-break:break-word;"> <td style="white-space:pre-wrap;vertical-align:top;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">Other, net</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">(13</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">)</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">(12</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">)</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">(25</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">)</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">(28</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">)</p></td> </tr> <tr style="height:10pt;background-color:#cff0fc;word-break:break-word;"> <td style="white-space:pre-wrap;vertical-align:top;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"><span

$ (22)) $ 6 $ 37 $ 60

Other Noncurrent Assets

	June 30, 2024	December 31, 2023
Prepaid gas transmission contract	$ 296	

	$	297
Value added tax credits	287	336
Gas supply prepayment	261	283
Deferred mining costs, net	186	187
Prepaid pension benefit		

style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">153</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">125</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> </tr> <tr style="height:10pt;background-color:#ffffff;word-break:break-word;"> <td style="white-space:pre-wrap;vertical-align:top;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">Goodwill</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">144</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">146</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> </tr> <tr style="height:10pt;background-color:#cff0fc;word-break:break-word;"> <td style="white-space:pre-wrap;vertical-align:top;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">Noncurrent prepaid tax asset</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">72</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">73</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> </tr> <tr style="height:10pt;background-color:#ffffff;word-break:break-word;"> <td style="white-space:pre-wrap;vertical-align:top;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">Noncurrent restricted cash</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">53</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">71</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"><span

Intangibles, net	35	37
Other	114	95
	$ 1,601	$ 1,650

<u>Cash and Cash Equivalents and Restricted Cash</u>

	June 30, 2024	December 31, 2023
Cash and cash equivalents	$ 1,396	$ 944
Current restricted cash	44	32
Noncurrent restricted cash	53	

71

$ 1,493

$ 1,047

Other (Income) Expenses, Net

	Second quarter ended June 30,	Six months ended June 30,
		2024

#000000;text-align:left;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;">2023</p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"> </p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td colspan="2" style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;">2024</p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"> </p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td colspan="2" style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;">2023</p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"> </p></td> </tr> <tr style="height:10pt;background-color:#cff0fc;word-break:break-word;"> <td style="white-space:pre-wrap;vertical-align:top;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">Equity (gain) loss</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">$</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">(22</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">)</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">$</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">44</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">$</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">5</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">$</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">139</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> </tr> <tr style="height:10pt;background-color:#ffffff;word-break:break-word;"> <td style="white-space:pre-wrap;vertical-align:top;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">Foreign currency losses (gains), net</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">57</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-

	(39)		81	(55)
Net loss from asset sales		6	1	17	15
Net (gain) loss on mark-to-market derivative instruments		(54)

align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">9</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">(49</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">)</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">(17</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">)</p></td> </tr> <tr style="height:10pt;background-color:#cff0fc;word-break:break-word;"> <td style="white-space:pre-wrap;vertical-align:top;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">Non-service costs – pension and other postretirement benefits</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">4</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">3</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">8</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">6</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> </tr> <tr style="height:10pt;background-color:#ffffff;word-break:break-word;"> <td style="white-space:pre-wrap;vertical-align:top;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">Other, net</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">(13</p>

)			(12	)			(25	)			(28	)
		$	(22	)		$	6			$	37			$

60

22000000-44000000-5000000-139000000-5700000039000000-8100000055000000-6000000-1000000-17000000-1500000054000000-9000000490000001700000040000003000008000006000001300000120000025000002800000022000000-6000000-37000000-60000000

<u>Other Noncurrent Assets</u>

	June 30, 2024		December 31, 2023	
Prepaid gas transmission contract	$	296	$	297
Value added tax credits		287		336

Gas supply prepayment		261		283
Deferred mining costs, net		186		187
Prepaid pension benefit		153		125
Goodwill		144		

Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">146</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> </tr> <tr style="height:10pt;background-color:#cff0fc;word-break:break-word;"> <td style="white-space:pre-wrap;vertical-align:top;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">Noncurrent prepaid tax asset</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">72</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">73</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> </tr> <tr style="height:10pt;background-color:#ffffff;word-break:break-word;"> <td style="white-space:pre-wrap;vertical-align:top;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">Noncurrent restricted cash</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">53</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">71</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> </tr> <tr style="height:10pt;background-color:#cff0fc;word-break:break-word;"> <td style="white-space:pre-wrap;vertical-align:top;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">Intangibles, net</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">35</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">37</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> </tr> <tr style="height:10pt;background-color:#ffffff;word-break:break-word;"> <td style="white-space:pre-wrap;vertical-align:top;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">Other</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-

family:Times New Roman;margin-bottom:0;text-align:right;">114</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">95</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> </tr> <tr style="height:10pt;background-color:#cff0fc;word-break:break-word;"> <td style="white-space:pre-wrap;vertical-align:top;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">$</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">1,601</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">$</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">1,650</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> </tr> </table><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p>29600000029700000028700000033600000026100000028300000018600000018700000015300000012500000<p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">Cash and Cash Equivalents and Restricted Cash</p> <table style="margin-left:auto;border-spacing:0;table-layout:fixed;width:100.0%;border-collapse:separate;margin-right:auto;"> <tr style="visibility:collapse;"> <td style="width:54.72%;"></td> <td style="width:1.88%;"></td> <td style="width:1%;"></td> <td style="width:18.759999999999998%;"></td> <td style="width:1%;"></td> <td style="width:1.88%;"></td> <td style="width:1%;"></td> <td style="width:18.759999999999998%;"></td> <td style="width:1%;"></td> </tr> <tr style="height:9pt;background-color:#ffffff;white-space:pre-wrap;word-break:break-word;"> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"> </p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td colspan="2" style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;">June 30, 2024</p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"> </p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td colspan="2" style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;">December 31, 2023</p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"> </p></td> </tr> <tr style="height:10pt;background-color:#cff0fc;word-break:break-word;"> <td style="white-space:pre-wrap;vertical-align:top;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">Cash and cash equivalents</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">$</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times

New Roman;margin-bottom:0;text-align:right;">1,396</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">$</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">944</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> </tr> <tr style="height:10pt;background-color:#ffffff;word-break:break-word;"> <td style="white-space:pre-wrap;vertical-align:top;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">Current restricted cash</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">44</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">32</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> </tr> <tr style="height:10pt;background-color:#cff0fc;word-break:break-word;"> <td style="white-space:pre-wrap;vertical-align:top;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">Noncurrent restricted cash</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">53</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">71</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> </tr> <tr style="height:10pt;background-color:#ffffff;word-break:break-word;"> <td style="white-space:pre-wrap;vertical-align:top;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">$</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">1,493</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">$</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-

family:Times New Roman;margin-bottom:0;text-align:right;">1,047</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> </tr> </table>1396000000944000000440000003200000053000000710000001493000001047000000<p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">Q. Supplier Finance Programs</p><p style="font-size:10pt;margin-top:9pt;font-family:Times New Roman;margin-bottom:0;text-align:left;">The Company has various supplier finance programs with third-party financial institutions that are made available to suppliers to facilitate payment term negotiations. Under the terms of these agreements, participating suppliers receive payment in advance of the payment date from third-party financial institutions for qualifying invoices. Alcoa's obligations to its suppliers, including amounts due and payment terms, are not impacted by its suppliers' participation in these programs. The Company does not pledge any assets as security or provide any guarantees beyond payment of outstanding invoices at maturity under these arrangements. The Company does not pay fees to the financial institutions under these arrangements. At June 30, 2024 and December 31, 2023, qualifying supplier invoices outstanding under these programs were $123 and $104, respectively, and have payment terms ranging from 50 to 110 days. These obligations are included in Accounts payable, trade on the accompanying Consolidated Balance Sheet.</p>123000000104000000P50DP110D<p style="font-size:10pt;margin-top:12pt;font-family:Times New Roman;margin-bottom:0;text-align:left;">R. Subsequent Events</p><p style="font-size:10pt;margin-top:9pt;font-family:Times New Roman;margin-bottom:0;text-align:left;">On August 1, 2024, the Company completed the acquisition of Alumina Limited (see Note C).</p><p style="font-size:10pt;margin-top:9pt;font-family:Times New Roman;margin-bottom:0;text-align:left;">On July 31, 2024, the Board of Directors declared a quarterly cash dividend of $0.10 per share of the Company's common stock and Series A convertible preferred stock, to be paid on August 29, 2024 to stockholders of record as of the close of business on August 12, 2024. Dividends on Alcoa's common and preferred shares are paid in U.S. dollars. Dividends on CDIs paid in a currency other than U.S. dollar will be determined using foreign currency exchange rates as of August 22, 2024.</p><p style="font-size:10pt;margin-top:9pt;font-family:Times New Roman;margin-bottom:0;text-align:left;">In May 2022, the Company received a Notice of Violation (NOV) from the U.S. Environmental Protection Agency (the EPA). The NOV alleges violations under the Clean Air Act at the Company's Intalco smelter from when the smelter was operational. The EPA referred the matter to the U.S. Department of Justice, Environment and Natural Resources Division (the DOJ) in May 2022. The DOJ and the Company agreed to a stipulated settlement, which was filed with the United States District Court for the Western District of Washington at Seattle on July 18, 2024, requiring the Company to pay a civil fine of $5. An accrual for this matter was included within Other current liabilities on the Consolidated Balance Sheet as of June 30, 2024.</p>2024-07-310.12024-08-292024-08-125000000falsefalsefalsefalse These amounts were reported in Other (income) expenses, net on the accompanying Statement of Consolidated Operations (see Note P). These amounts were reported in Restructuring and other charges, net on the accompanying Statement of Consolidated Operations and Cash Flows."

-IC4UKMBPD)P0A+R?&$=ZO-- MK@AA!V"#MC1;E%?!L(.P@["CNVQHV-036_*ECF$)*DR>:$ND^>G9?(L+)-'M&P0G'36N[@9!LWNX*L2GS&K2VI-A9>FUUJP-3#H^1UI;A.F2UFY>JGLR.%RI M[E-F-6GMR;#R`!XRO%M5S.'+<`*D^V<3+<#!/VAV);,$P6XX:??Z>9:J
O#1=1-==Z!DE?C`ET+("#AF?/Y[`7AS#!^4]:=E31@L`M(*;3F@@^+H.<(C2+C(3].9RBR3YQ:&R3:$>/>O`*T/R_@!:DRT&),NU3F+U[K@#_7V':9EEIB-E([+)B)WK#!\(*5=#>F1C&A;D(GJ=!0>B4TH7*I>WT$YE2X@A,
.E.=@S6+Y`M?DH@R9,J$1VN0R:%P$PQ.&),NU=NM(?!W@^90P03N#;,,T__U`=UY?46WH^7)L1K%(U$]$P2VG#FQ39'25SGBP6>>5>-2T+_/H%&OS`RU=$A,S;2(`GV&!(N/0$$\$F#&M$%+A\&QS[+_QA?_B\@C+I6``J$A[%._6K^FOO#-K@;V=`D4&`SS'(2^^..(3#FPN__VP\
<@7(^VMM4/;6_$T@#O"2`S+E\P`5S%?T?,TN2G)=7L_^6@JXS:+U(U%M#]%SM7Y9I%1T^]$8.97'H7-#=*H++*H7!B#$R?!?&(J'X5&]2/.)%1?5!R#2`&9U(R[W94/2*/?2C`$$]L"N?:V`T
MZL$M/3L^`<T,W;^$/_F9F7Z&$?C&()8>K2.S,J,?0+V]?*G87#'USH-!0D@.^)S@NJW/_Z!?,P_8^?_%#$W*7>$@]EI?<)
<'H8IQ%C8(7I$=!.R\)O,@^CJAM1I`L`)(#YNA^&'_;Z>5_;Z-6,9;S<S>H.03$U.7.%2`5MW#-1%_G]G?,SEJ]%$SPS'L?/T>\_5M_*%`N$H^1.-C

MB|LDFPV.LGQ0PR/N&+E?&$V4T*O MB'0EI9'WU*2T219?-:E42MVFO^38WRM)"8.7HUGPQAR>O;&QJ0CVUOU^YV#> M:/9RJJ[O<3EKU67B QRT M3|+K:>AHC/K67G?|4)? 7K_<8@F;4(4868"KX.(2JD"6-QKEBQ9K>P*?"PWG M>?NX(C@CTAC]X40^OG%.*COE<;_ U!+ P04 " "NB)91UY"0-\" !B M"0 &0 'AL+W=OR,IP)N%9$5V5)U=]+X'(U<0:.XXL;-B^_? >'&XP6= MPRV8^\6UPL;:N62L!*$9%$$1//G$N!N=>).K@!\.5GKCCF=B>S*1L(VOV<3Q M.$' (376@>M"5@W/IA&#7],3Z+=!:86:SX_NG^N^^8UF5,-4|\L\7$&3DD M@YQ6W-S(U1=H^$.OU1R75_JHWU)]6VLBLR%.^%)/-$HN#.-$*%%%#'Y-FER@+++U'&!`U=#-=:+/+$M^U:#]4S+TWA'?\X;>^72_/($4Y8-;/NR1)R^7?]MR%REWJ/T.M5_[#9]%)79:_M6&J/:4)&1;?0)TRF7NE} ?EW,M%&X(G[W(6N2!/U]["YQKA"V+ YEML0@[%N%>%G<%%X*&9&U!}*,(G*$;A#HF]]J[E M<2"S+1)11R+.3T+BIMX'7JR-/S0WZ'0$Q/MK)^D)V04=#%-S>[&@6;_/]ZH MFC.A"8<<5=[I!R2DFA.],1BY].^XF31X8M./!?X$@;(1^#V7'TCPVI/+'9_5,M_P!02P_$% @ KH@"'69LGWGW; P GPT !D !X;"]W;W}K&ULK5?O:;%HV%/U?K.Q(*E)0A)^M_.DEO"T3N6O9>;1M'Z9) M..$"5A:;.;9QMMH_;M'Z9I9-[@O%"^_N^$'&@%>?;R@5V!A&@F]]JI[E

XML 93 Show.js IDEA: XBRL DOCUMENT // Edgar(tm) Renderer was created by staff of the U.S. Securities and Exchange Commission. Data and content created by government employees within the scope of their employment are not subject to domestic copyright protection. 17 U.S.C. 105. var Show={};Show.LastAR=null;Show.showAR=function(a,r,w){if(Show.LastAR)Show.hideAR();var e=a;while(e&&e.nodeName!='TABLE')e=e.nextSibling;if(!e||e.nodeName!='TABLE'){var ref=((window)?w.document:document).getElementById(r);if(ref){e=ref.cloneNode(!0); e.removeAttribute('id');a.parentNode.appendChild(e)}} if(e)e.style.display='block';Show.LastAR=e};Show.hideAR=function() {Show.LastAR.style.display='none'};Show.toggleNext=function(a){var e=a;while(e.nodeName!='DIV')e=e.nextSibling;if(!e.style){}else if(!e.style.display){}else{var d,p ;if(e.style.display=='none'){d='block';p='-'}else{d='none';p='+'} e.style.display=d;if(a.textContent) {a.textContent=p+a.textContent.substring(1)}else{a.innerText=p+a.innerText.substring(1)}}} XML 94 report.css IDEA: XBRL DOCUMENT /* Updated 2009-11-04 */ /* v2.2.0.24 */ /* DefRef Styles */ .report table.authRefData{ background-color: #def; border: 2px solid #2F4497; font-size: 1em; position: absolute; } .report table.authRefData a { display: block; font-weight: bold; } .report table.authRefData p { margin-top: 0px; } .report table.authRefData .hide { background-color: #2F4497; padding: 1px 3px 0px 0px; text-align: right; } .report table.authRefData .hide a:hover { background-color: #2F4497; } .report table.authRefData .body { height: 150px; overflow: auto; width: 400px; } .report table.authRefData table { font-size: 1em; } /* Report Styles */ .pl a, .pl a:visited { color: black; text-decoration: none; } /* table */ .report { background-color: white; border: 2px solid #acf; clear: both; color: black; font: normal 8pt Helvetica, Arial, san-serif; margin-bottom: 2em; } .report hr { border: 1px solid #acf; } /* Top labels */ .report th { background-color: #acf; color: black; font-weight: bold; text-align: center; } .report th.void { background-color: transparent; color: #000000; font: bold 10pt Helvetica, Arial, san-serif; text-align: left; } .report .pl { text-align: left; vertical-align: top; white-space: normal; width: 200px; white-space: normal; /* word-wrap: break-word; */ } .report td.pl a.a { cursor: pointer; display: block; width: 200px; overflow: hidden; } .report td.pl div.a { width: 200px; } .report td.pl a:hover { background-color: #ffc; } /* Header rows... */ .report tr.rh { background-color: #acf; color: black; font-weight: bold; } /* Calendars... */ .report .rc { background-color: #f0f0f0; } /* Even rows... */ .report .re, .report .reu { background-color: #def; } .report .reu td { border-bottom: 1px solid black; } /* Odd rows... */ .report .ro, .report .rou { background-color: white; } .report .rou td { border-bottom: 1px solid black; } .report .rou table td, .report .reu table td { border-bottom: 0px solid black; } /* styles for footnote marker */ .report .fn { white-space: nowrap; } /* styles for numeric types */ .report .num, .report .nump { text-align: right; white-space: nowrap; } .report .nump { padding-left: 2em; } .report .nump { padding: 0px 0.4em 0px 2em; } /* styles for text types */ .report .text { text-align: left; white-space: normal; } .report .text .big { margin-bottom: 1em; width: 17em; } .report .text .more { display: none; } .report .text .note { font-style: italic; font-weight: bold; } .report .text .small { width: 10em; } .report .text .outerFootnotes { font-size: 1em; } XML 96 FilingSummary.xml IDEA: XBRL DOCUMENT 3.24.2.u1 html4653921true1400false18 falsefalseR1.htm100000 - Document - Document and Entity InformationSheethttp://www.alcoa.com/20240630/taxonomy/role/Role_DocumentDocumentAndEntityInformationDocument and Entity InformationCover1 falsefalseR2.htm100010 - Statement - Statement of Consolidated Operations (unaudited)Sheethttp://www.alcoa.com/20240630/taxonomy/role/StatementStatementOfConsolidatedOperationsUnaudited1Statement of Consolidated Operations (unaudited)Statements2 falsefalseR3.htm100020 - Statement - Statement of Consolidated Comprehensive Income (unaudited)Sheethttp://www.alcoa.com/20240630/taxonomy/role/Role_StatementStatementOfConsolidatedComprehensiveIncomeUnaudited1Statement of Consolidated Comprehensive Income (unaudited)Statements3 falsefalseR4.htm100030 - Statement - Consolidated Balance Sheet (unaudited)Sheethttp://www.alcoa.com/20240630/taxonomy/role/Role_StatementConsolidatedBalanceSheetUnauditedConsolidated Balance Sheet (unaudited)Statements4 falsefalseR5.htm100040 - Statement - Statement of Consolidated Cash Flows (unaudited)Sheethttp://www.alcoa.com/20240630/taxonomy/role/Role_StatementStatementOfConsolidatedCashFlowsUnauditedStatement of Consolidated Cash Flows (unaudited)Statements5 falsefalseR6.htm100050 - Statement - Statement of Changes in Consolidated Equity (unaudited)Sheethttp://www.alcoa.com/20240630/taxonomy/role/Role_StatementStatementOfChangesInConsolidatedEquityUnauditedStatement of Changes in Consolidated Equity (unaudited)Statements6 falsefalseR7.htm100060 - Statement - Statement of Changes in Consolidated Equity (unaudited) (Parenthetical)Sheethttp://www.alcoa.com/20240630/taxonomy/role/Role_StatementStatementOfChangesInConsolidatedEquityUnauditedParentheticalStatement of Changes in Consolidated Equity (unaudited) (Parenthetical)Statements7 falsefalseR8.htm995410 - Disclosure - Pay vs Performance DisclosureSheethttp://xbrl.sec.gov/ecd/role/PvpDisclosurePay vs Performance DisclosureNotes8 falsefalseR9.htm995445 - Disclosure - Insider Trading ArrangementsSheethttp://xbrl.sec.gov/ecd/role/InsiderTradingArrangementsInsider Trading ArrangementsNotes9 falsefalseR10.htm995455 - Disclosure - Basis of PresentationSheethttp://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureBasisOfPresentationBasis of PresentationNotes10 falsefalseR11.htm995465 - Disclosure - Recently Adopted and Recently Issued Accounting GuidanceSheethttp://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureRecentlyAdoptedAndRecentlyIssuedAccountingGuidanceRecently Adopted and Recently Issued

Accounting GuidanceNotes11 falsefalseR12.htm995475 - Disclosure - Acquisitions and DivestituresSheethttp://www.alcoa.com/20240630/taxonomy/role/DisclosureAcquisitionsAndDivestitures1Acquisitions and DivestituresNotes12 falsefalseR13.htm995485 - Disclosure - Restructuring and Other Charges, NetSheethttp://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureRestructuringAndOtherChargesNetRestructuring and Other Charges, NetNotes13 falsefalseR14.htm995495 - Disclosure - Segment InformationSheethttp://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureSegmentInformationSegment InformationNotes14 falsefalseR15.htm995505 - Disclosure - Earnings Per ShareSheethttp://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureEarningsPerShareEarnings Per ShareNotes15 falsefalseR16.htm995515 - Disclosure - Accumulated Other Comprehensive LossSheethttp://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureAccumulatedOtherComprehensiveLossAccumulated Other Comprehensive LossNotes16 falsefalseR17.htm995525 - Disclosure - InvestmentsSheethttp://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureInvestmentsInvestmentsNotes17 falsefalseR18.htm995535 - Disclosure - ReceivablesSheethttp://www.alcoa.com/20240630/taxonomy/role/DisclosureReceivablesReceivablesNotes18 falsefalseR19.htm995545 - Disclosure - InventoriesSheethttp://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureInventoriesInventoriesNotes19 falsefalseR20.htm995565 - Disclosure - DebtSheethttp://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureDebtDebt20 falsefalseR21.htm995575 - Disclosure - Pension and Other Postretirement BenefitsSheethttp://www.alcoa.com/20240630/taxonomy/role/Role_DisclosurePensionAndOtherPostretirementBenefitsPension and Other Postretirement BenefitsNotes21 falsefalseR22.htm995585 - Disclosure - Derivatives and Other Financial InstrumentsSheethttp://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureDerivativesAndOtherFinancialInstrumentsDerivatives and Other Financial InstrumentsNotes22 falsefalseR23.htm995595 - Disclosure - Income TaxesSheethttp://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureIncomeTaxesIncome TaxesNotes23 falsefalseR24.htm995615 - Disclosure - ContingenciesSheethttp://www.alcoa.com/20240630/taxonomy/role/DisclosureContingencies1ContingenciesNotes24 falsefalseR25.htm995625 - Disclosure - Other Financial InformationSheethttp://www.alcoa.com/20240630/taxonomy/role/DisclosureOtherFinancialInformationOther Financial InformationNotes25 falsefalseR26.htm995645 - Disclosure - Supplier Finance ProgramsSheethttp://www.alcoa.com/20240630/taxonomy/role/DisclosureSupplierFinanceProgramsSupplier Finance ProgramsNotes26 falsefalseR27.htm995655 - Disclosure - Subsequent EventsSheethttp://www.alcoa.com/20240630/taxonomy/role/DisclosureSubsequentEventsSubsequent EventsNotes27 falsefalseR28.htm995665 - Disclosure - Basis of Presentation (Policies)Sheethttp://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureBasisOfPresentationPoliciesBasis of Presentation (Policies)Policieshttp://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureRecentlyAdoptedAndRecentlyIssuedAccountingGuidance28 falsefalseR29.htm995675 - Disclosure - Restructuring and Other Charges, Net (Tables)Sheethttp://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureRestructuringAndOtherChargesNetTablesRestructuring and Other Charges, Net (Tables)Tableshttp://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureRestructuringAndOtherChargesNet29 falsefalseR30.htm995685 - Disclosure - Segment Information (Tables)Sheethttp://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureSegmentInformationTablesSegment Information (Tables)Tableshttp://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureSegmentInformation30 falsefalseR31.htm995695 - Disclosure - Earnings Per Share (Tables)Sheethttp://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureEarningsPerShareTablesEarnings Per Share (Tables)Tableshttp://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureEarningsPerShare31 falsefalseR32.htm995705 - Disclosure - Accumulated Other Comprehensive Loss (Tables)Sheethttp://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureAccumulatedOtherComprehensiveLossTablesAccumulated Other Comprehensive Loss (Tables)Tableshttp://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureAccumulatedOtherComprehensiveLoss32 falsefalseR33.htm995715 - Disclosure - Investments (Tables)Sheethttp://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureInvestmentsTablesInvestments (Tables)Tableshttp://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureInvestments33 falsefalseR34.htm995725 - Disclosure - Inventories (Tables)Sheethttp://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureInventoriesTablesInventories (Tables)Tableshttp://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureInventories34 falsefalseR35.htm995745 - Disclosure - Pension and Other Postretirement Benefits (Tables)Sheethttp://www.alcoa.com/20240630/taxonomy/role/Role_DisclosurePensionAndOtherPostretirementBenefitsTablesPension and Other Postretirement Benefits (Tables)Tableshttp://www.alcoa.com/20240630/taxonomy/role/Role_DisclosurePensionAndOtherPostretirementBenefits35 falsefalseR36.htm995755 - Disclosure - Derivatives and Other Financial Instruments (Tables)Sheethttp://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureDerivativesAndOtherFinancialInstrumentsTablesDerivatives and Other Financial Instruments (Tables)Tableshttp://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureDerivativesAndOtherFinancialInstruments36 falsefalseR37.htm995765 - Disclosure - Income Taxes (Tables)Sheethttp://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureIncomeTaxesTablesIncome Taxes (Tables)Tableshttp://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureIncomeTaxes37 falsefalseR38.htm995775 - Disclosure - Contingencies (Tables)Sheethttp://www.alcoa.com/20240630/taxonomy/role/DisclosureContingenciesTablesContingencies (Tables)Tableshttp://www.alcoa.com/20240630/taxonomy/role/DisclosureContingencies138 falsefalseR39.htm995785 - Disclosure - Other Financial Information (Tables)Sheethttp://www.alcoa.com/20240630/taxonomy/role/DisclosureOtherFinancialInformationTablesOther Financial Information (Tables)Tableshttp://www.alcoa.com/20240630/taxonomy/role/DisclosureOtherFinancialInformation39 falsefalseR40.htm995795 - Disclosure - Basis of Presentation - Additional Information (Detail)Sheethttp://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureBasisOfPresentationAdditionalInformationDetailBasis of Presentation - Additional Information (Detail)Details40 falsefalseR41.htm995815 - Disclosure - Acquisitions and Divestitures - Additional Information (Detail)Sheethttp://www.alcoa.com/20240630/taxonomy/role/DisclosureAcquisitionsAndDivestituresAdditionalInformationDetailAcquisitions and Divestitures - Additional Information (Detail)Details41 falsefalseR42.htm995825 - Disclosure - Restructuring and Other Charges, Net - Additional Information (Detail)Sheethttp://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureRestructuringAndOtherChargesNetAdditionalInformationDetailRestructuring and Other Charges, Net - Additional Information (Detail)Details42 falsefalseR43.htm995835 - Disclosure - Restructuring and Other Charges, Net - Schedule of Restructuring and Other Charges, Net by Reportable Segments, Pretax (Detail)Sheethttp://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureRestructuringAndOtherChargesNetScheduleOfRestructuringAndOtherChargesNetByReportableSegmen and Other Charges, Net - Schedule of Restructuring and Other Charges, Net by Reportable Segments, Pretax (Detail)Details43 falsefalseR44.htm995845 - Disclosure - Restructuring and Other Charges, Net - Activity and Reserve Balances for Restructuring Charges (Detail)Sheethttp://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureRestructuringAndOtherChargesNetActivityAndReserveBalancesForRestructuringChargesDetailRest and Other Charges, Net - Activity and Reserve Balances for Restructuring Charges (Detail)Details44 falsefalseR45.htm995855 - Disclosure - Segment Information - Schedule of Operating Results of Alcoa's Reportable Segments (Detail)Sheethttp://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureSegmentInformationScheduleOfOperatingResultsOfAlcoaSReportableSegmentsDetailSegment Information - Schedule of Operating Results of Alcoa's Reportable Segments (Detail)Details45 falsefalseR46.htm995865 - Disclosure - Segment Information - Schedule of Segment Adjusted EBITDA to Consolidated Net Income (Loss) Attributable to Alcoa Corporation (Detail)Sheethttp://www.alcoa.com/20240630/taxonomy/role/DisclosureSegmentInformationScheduleOfSegmentAdjustedEbitdaToConsolidatedNetIncomeLossAttributableToAlc Information - Schedule of Segment Adjusted EBITDA to Consolidated Net Income (Loss) Attributable to Alcoa Corporation (Detail)Details46 falsefalseR47.htm995875 - Disclosure - Segment Information - Schedule of Sales by Product Division (Detail)Sheethttp://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureSegmentInformationScheduleOfSalesByProductDivisionDetailSegment Information - Schedule of Sales by Product Division (Detail)Details47 falsefalseR48.htm995885 - Disclosure - Earnings Per Share - Schedule of Computation of Basic and Diluted EPS Attributable to Alcoa Corporation Common Shareholders (Detail)Sheethttp://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureEarningsPerShareScheduleOfComputationOfBasicAndDilutedEPSAttributableToAlcoaCorporationCc Per Share - Schedule of Computation of Basic and Diluted EPS Attributable to Alcoa Corporation Common Shareholders (Detail)Details48 falsefalseR49.htm995895 - Disclosure - Earnings Per Share - Additional Information (Detail)Sheethttp://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureEarningsPerShareAdditionalInformationDetailEarnings Per Share - Additional Information (Detail)Details49 falsefalseR50.htm995905 - Disclosure - Accumulated Other Comprehensive Loss - Summary of Changes in Accumulated Other Comprehensive (Loss) Income by Component (Detail)Sheethttp://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureAccumulatedOtherComprehensiveLossSummaryOfChangesInAccumulatedOtherComprehensiveLoss Other Comprehensive Loss - Summary of Changes in Accumulated Other Comprehensive (Loss) Income by Component (Detail)Details50 falsefalseR51.htm995915 - Disclosure - Accumulated Other Comprehensive Loss - Summary of Changes in Accumulated Other Comprehensive (Loss) Income by Component (Parenthetical) (Detail)Sheethttp://www.alcoa.com/20240630/taxonomy/role/DisclosureAccumulatedOtherComprehensiveLossSummaryOfChangesInAccumulatedOtherComprehensiveLossIncon Other Comprehensive Loss - Summary of Changes in Accumulated Other Comprehensive (Loss) Income by Component (Parenthetical) (Detail)Details51 falsefalseR52.htm995925 - Disclosure - Investments - Summary of Unaudited Financial Information for Alcoa Corporation's Equity Investments (Detail)Sheethttp://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureInvestmentsSummaryOfUnauditedFinancialInformationForAlcoaCorporationSEquityInvestmentsDet - Summary of Unaudited Financial Information for Alcoa Corporation's Equity Investments (Detail)Details52 falsefalseR53.htm995935 - Disclosure - Investments - Additional Information (Detail)Sheethttp://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureInvestmentsAdditionalInformationDetailInvestments - Additional Information (Detail)Details53 falsefalseR54.htm995945 - Disclosure - Receivables - Additional Information (Detail)Sheethttp://www.alcoa.com/20240630/taxonomy/role/DisclosureReceivablesAdditionalInformationDetailReceivables - Additional Information (Detail)Details54 falsefalseR55.htm995955 - Disclosure - Inventories - Schedule of Inventory Components (Detail)Sheethttp://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureInventoriesScheduleOfInventoryComponentsDetailInventories - Schedule of Inventory Components (Detail)Details55 falsefalseR56.htm995975 - Disclosure - Goodwill - Summary of Goodwill which is Included in Other Noncurrent Assets (Detail)Sheethttp://www.alcoa.com/20240630/taxonomy/role/DisclosureGoodwillSummaryOfGoodwillWhichIsIncludedInOtherNoncurrentAssetsDetailGoodwill - Summary of Goodwill which is Included in Other Noncurrent Assets (Detail)Details56 falsefalseR57.htm995985 - Disclosure - Goodwill - Summary of Goodwill which is Included in Other Noncurrent Assets (Parenthetical) (Detail)Sheethttp://www.alcoa.com/20240630/taxonomy/role/DisclosureGoodwillSummaryOfGoodwillWhichIsIncludedInOtherNoncurrentAssetsParentheticalDetailGoodwill - Summary of Goodwill which is Included in Other Noncurrent Assets (Parenthetical) (Detail)Details57 falsefalseR58.htm995995 - Disclosure - Debt - Additional Information (Detail)Sheethttp://www.alcoa.com/20240630/taxonomy/role/DisclosureDebtAdditionalInformationDetailDebt - Additional Information (Detail)Details58 falsefalseR59.htm996005 - Disclosure - Pension and Other Postretirement Benefits - Components of Net Periodic Benefit Cost (Detail)Sheethttp://www.alcoa.com/20240630/taxonomy/role/Role_DisclosurePensionAndOtherPostretirementBenefitsComponentsOfNetPeriodicBenefitCostDetailPension and Other Postretirement Benefits - Components of Net Periodic Benefit Cost (Detail)Details59 falsefalseR60.htm996015 - Disclosure - Pension and Other Postretirement Benefits - Additional Information (Detail)Sheethttp://www.alcoa.com/20240630/taxonomy/role/Role_DisclosurePensionAndOtherPostretirementBenefitsAdditionalInformationDetailPension and Other Postretirement Benefits - Additional Information (Detail)Details60 falsefalseR61.htm996025 - Disclosure - Pension and Other Postretirement Benefits - Summary of Information in Curtailment or Settlement of Benefits Requiring Remeasurement, Update to Discount Rates Used to Determine Benefit Obligations of Affected Plans (Detail)Sheethttp://www.alcoa.com/20240630/taxonomy/role/DisclosurePensionAndOtherPostretirementBenefitsSummaryOfInformationInCurtailmentOrSettlementOfBenefitsRe and Other Postretirement Benefits - Summary of Information in Curtailment or Settlement of Benefits Requiring Remeasurement, Update to Discount Rates Used to Determine Benefit Obligations of Affected Plans (Detail)Details61 falsefalseR62.htm996035 - Disclosure - Derivatives and Other Financial Instruments - Additional Information (Detail)Sheethttp://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureDerivativesAndOtherFinancialInstrumentsAdditionalInformationDetailDerivatives and Other Financial Instruments - Additional Information (Detail)Details62 falsefalseR63.htm996045 - Disclosure - Derivatives and Other Financial Instruments - Schedule of Detail for Level 1 and 3 Derivatives (Detail)Sheethttp://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureDerivativesAndOtherFinancialInstrumentsScheduleOfDetailForLevel1And3DerivativesDetailDerivati and Other Financial Instruments - Schedule of Detail for Level 1 and 3 Derivatives (Detail)Details63 falsefalseR64.htm996055 - Disclosure - Derivatives and Other Financial Instruments - Schedule of Outstanding Quantities of Derivative Instruments (Detail)Sheethttp://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureDerivativesAndOtherFinancialInstrumentsScheduleOfOutstandingQuantitiesOfDerivativeInstrumen and Other Financial Instruments - Schedule of Outstanding Quantities of Derivative Instruments (Detail)Details64 falsefalseR65.htm996065 - Disclosure - Derivatives and Other Financial Instruments - Schedule of Quantitative Information for Level 3 Derivative Contracts

(Detail)Sheethttp://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureDerivativesAndOtherFinancialInstrumentsScheduleOfQuantitativeInformationForLevel3DerivativeC and Other Financial Instruments - Schedule of Quantitative Information for Level 3 Derivative Contracts (Detail)Details65 falsefalseR66.htm996075 - Disclosure - Derivatives and Other Financial Instruments - Schedule of Fair Values of Level 3 Derivative Instruments Recorded as Assets and Liabilities

(Detail)Sheethttp://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureDerivativesAndOtherFinancialInstrumentsScheduleOfFairValuesOfLevel3DerivativeInstrumentsReco and Other Financial Instruments - Schedule of Fair Values of Level 3 Derivative Instruments Recorded as Assets and Liabilities (Detail)Details66 falsefalseR67.htm996085 - Disclosure - Derivatives and Other Financial Instruments - Schedule of Reconciliation of Activity for Derivative Contracts

(Detail)Sheethttp://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureDerivativesAndOtherFinancialInstrumentsScheduleOfReconciliationOfActivityForDerivativeContrac and Other Financial Instruments - Schedule of Reconciliation of Activity for Derivative Contracts (Detail)Details67 falsefalseR68.htm996095 - Disclosure - Derivatives and Other Financial Instruments - Schedule of Carrying Values and Fair Values of Other Financial Instruments

(Detail)Sheethttp://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureDerivativesAndOtherFinancialInstrumentsScheduleOfCarryingValuesAndFairValuesOfOtherFinancia and Other Financial Instruments - Schedule of Carrying Values and Fair Values of Other Financial Instruments (Detail)Details68 falsefalseR69.htm996105 - Disclosure - Income Taxes - Additional Information (Detail)Sheethttp://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureIncomeTaxesAdditionalInformationDetailIncome Taxes - Additional Information (Detail)Details69 falsefalseR70.htm996115 - Disclosure - Income Taxes - Schedule of Income Taxes

(Detail)Sheethttp://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureIncomeTaxesScheduleOfIncomeTaxesDetailIncome Taxes - Schedule of Income Taxes (Detail)Details70 falsefalseR71.htm996135 - Disclosure - Contingencies - Additional Information (Detail)Sheethttp://www.alcoa.com/20240630/taxonomy/role/DisclosureContingenciesAdditionalInformationDetailContingencies - Additional Information (Detail)Details71 falsefalseR72.htm996145 - Disclosure - Contingencies - Additional Information - 1

(Detail)Sheethttp://www.alcoa.com/20240630/taxonomy/role/DisclosureContingenciesAdditionalInformation1DetailContingencies - Additional Information - 1 (Detail)Details72 falsefalseR73.htm996155 - Disclosure - Contingencies - Changes in Carrying Value of Recorded Environmental Remediation Reserves

(Detail)Sheethttp://www.alcoa.com/20240630/taxonomy/role/DisclosureContingenciesChangesInCarryingValueOfRecordedEnvironmentalRemediationReservesDetailContingenci - Changes in Carrying Value of Recorded Environmental Remediation Reserves (Detail)Details73 falsefalseR74.htm996165 - Disclosure - Contingencies - Estimate Timing of Cash Outflows on Environmental Reserves

(Detail)Sheethttp://www.alcoa.com/20240630/taxonomy/role/DisclosureContingenciesEstimateTimingOfCashOutflowsOnEnvironmentalReservesDetailContingencies - Estimate Timing of Cash Outflows on Environmental Reserves (Detail)Details74 falsefalseR75.htm996175 - Disclosure - Other Financial Information - Schedule of Other (Income) Expenses, Net (Detail)Sheethttp://www.alcoa.com/20240630/taxonomy/role/DisclosureOtherFinancialInformationScheduleOfOtherIncomeExpensesNetDetailOther Financial Information - Schedule of Other (Income) Expenses, Net (Detail)Details75 falsefalseR76.htm996185 - Disclosure - Other Financial Information - Schedule of Other Noncurrent Assets (Detail)Sheethttp://www.alcoa.com/20240630/taxonomy/role/DisclosureOtherFinancialInformationScheduleOfOtherNoncurrentAssetsDetailOther Financial Information - Schedule of Other Noncurrent Assets (Detail)Details76 falsefalseR77.htm996205 - Disclosure - Other Financial Information - Schedule of Cash and Cash Equivalents and Restricted Cash

(Detail)Sheethttp://www.alcoa.com/20240630/taxonomy/role/DisclosureOtherFinancialInformationScheduleOfCashAndCashEquivalentsAndRestrictedCashDetailOther Financial Information - Schedule of Cash and Cash Equivalents and Restricted Cash (Detail)Details77 falsefalseR78.htm996215 - Disclosure - Supplier Finance Programs - Additional Information (Detail)Sheethttp://www.alcoa.com/20240630/taxonomy/role/DisclosureSupplierFinanceProgramsAdditionalInformationDetailSupplier Finance Programs - Additional Information (Detail)Details78 falsefalseR79.htm996225 - Disclosure - Subsequent Events - Additional Information

(Details)Sheethttp://www.alcoa.com/20240630/taxonomy/role/DisclosureSubsequentEventsAdditionalInformationDetailsSubsequent Events - Additional Information (Details)Details79 falsefalseAll ReportsBookAll Reports aa-20240630.htmaa-20240630.xsd http://fasb.org/us-gaap/2024http://xbrl.sec.gov/dei/2024http://xbrl.sec.gov/ecd/2024falsefalse JSON 99 MetaLinks.json IDEA: XBRL DOCUMENT { "version": "2.2", "instance": { "aa-20240630.htm": { "nsprefix": "aa", "nsuri": "http://www.alcoa.com/20240630", "dts": { "inline": { "local": ["aa-20240630.htm"] }, "schema": { "local": ["aa-20240630.xsd"], "remote": ["http://www.xbrl.org/2003/xbrl-instance-2003-12-31.xsd", "http://www.xbrl.org/2003/xbrl-linkbase-2003-12-31.xsd", "http://www.xbrl.org/2003/xl-2003-12-31.xsd", "http://www.xbrl.org/2003/xlink-2003-12-31.xsd", "http://www.xbrl.org/2005/xbrldt-2005.xsd", "http://www.xbrl.org/2006/ref-2006-02-27.xsd", "http://www.xbrl.sec.gov/dei/2024": 4, "http://fasb.org/us-gaap/2024": 14, "http://www.alcoa.com/20240630": 2 }, "contextCount": 465, "entityCount": 1, "segmentCount": 140, "http://www.xbrl.org/lrr/arcrole/esma-arcrole-2018-11-21.xsd", "http://www.xbrl.org/lrr/role/negated-2009-12-16.xsd", "http://www.xbrl.org/lrr/role/reference-2009-12-16.xsd", "https://www.xbrl.org/2020/extensible-enumerations-2.0.xsd", "https://www.xbrl.org/2023/calculation-1.1.xsd", "https://www.xbrl.org/dtr/type/2020-01-21/types.xsd", "https://www.xbrl.org/dtr/type/2022-03-31/types.xsd", "https://xbrl.fasb.org/srt/2024/elts/srt-2024.xsd", "https://xbrl.fasb.org/srt/2024/elts/srt-roles-2024.xsd", "https://xbrl.fasb.org/srt/2024/elts/srt-types-2024.xsd", "https://xbrl.fasb.org/us-gaap/2024/elts/us-gaap-2024.xsd", "https://xbrl.fasb.org/us-gaap/2024/elts/us-roles-2024.xsd", "https://xbrl.fasb.org/us-gaap/2024/elts/us-types-2024.xsd", "https://xbrl.sec.gov/country/2024/country-2024.xsd", "https://xbrl.sec.gov/currency/2024/currency-2024.xsd", "https://xbrl.sec.gov/dei/2024/dei-2024.xsd", "https://xbrl.sec.gov/ecd/2024/ecd-2024.xsd", "https://xbrl.sec.gov/ecd/2024/ecd-sub-2024.xsd", "https://xbrl.sec.gov/stpr/2024/stpr-2024.xsd"] }, "keyStandard": 287, "keyCustom": 105, "axisStandard": 44, "axisCustom": 0, "memberStandard": 50, "memberCustom": 83, "hidden": { "total": 20, "http://xbrl.sec.gov/dei/2024": 4, "http://fasb.org/us-gaap/2024": 14, "http://www.alcoa.com/20240630": 2 }, "contextCount": 465, "entityCount": 1, "segmentCount": 140, "elementCount": 920, "unitCount": 18, "baseTaxonomies": { "http://fasb.org/us-gaap/2024": 1107, "http://xbrl.sec.gov/dei/2024": 34, "http://xbrl.sec.gov/ecd/2024": 4 }, "report": { "R1": { "role": "http://www.alcoa.com/20240630/taxonomy/role/Role_DocumentDocumentAndEntityInformation", "longName": "100000 - Document - Document and Entity Information", "shortName": "Document and Entity Information", "isDefault": "true", "groupType": "document", "subGroupType": "", "menuCat": "Cover", "order": "1", "firstAnchor": { "contextRef": "C_6f7ee01e-5c7b-4907-9fe3-d2aa3c6bc1c7", "name": "dei:DocumentType", "unitRef": null, "xsiNil": "false", "lang": "en-US", "decimals": null, "ancestors": ["span", "p", "body", "html"], "reportCount": 1, "baseRef": "aa-20240630.htm", "first": true, "unique": true }, "uniqueAnchor": { "contextRef": "C_6f7ee01e-5c7b-4907-9fe3-d2aa3c6bc1c7", "name": "dei:DocumentType", "unitRef": null, "xsiNil": "false", "lang": "en-US", "decimals": null, "ancestors": ["span", "p", "body", "html"], "reportCount": 1, "baseRef": "aa-20240630.htm", "first": true, "unique": true } }, "R2": { "role": "http://www.alcoa.com/20240630/taxonomy/role/StatementStatementOfConsolidatedOperationsUnaudited1", "longName": "100010 - Statement - Statement of Consolidated Operations (unaudited)", "shortName": "Statement of Consolidated Operations (unaudited)", "isDefault": "false", "groupType": "statement", "subGroupType": "", "menuCat": "Statements", "order": "2", "firstAnchor": { "contextRef": "C_213b37c7-e8f8-488e-82c9-f4fb68b82b31", "name": "us-gaap:RevenueFromContractWithCustomerExcludingAssessedTax", "unitRef": "U_USD", "xsiNil": "false", "lang": null, "decimals": "-6", "ancestors": ["span", "p", "td", "tr", "table", "body", "html"], "reportCount": 1, "baseRef": "aa-20240630.htm", "first": true }, "uniqueAnchor": { "contextRef": "C_213b37c7-e8f8-488e-82c9-f4fb68b82b31", "name": "us-gaap:CostOfGoodsAndServiceExcludingDepreciationDepletionAndAmortization", "unitRef": "U_USD", "xsiNil": "false", "lang": null, "decimals": "-6", "ancestors": ["span", "p", "td", "tr", "table", "body", "html"], "reportCount": 1, "baseRef": "aa-20240630.htm", "unique": true } }, "R3": { "role": "http://www.alcoa.com/20240630/taxonomy/role/Role_StatementStatementOfConsolidatedComprehensiveIncomeUnaudited", "longName": "100020 - Statement - Statement of Consolidated Comprehensive Income (unaudited)", "shortName": "Statement of Consolidated Comprehensive Income (unaudited)", "isDefault": "false", "groupType": "statement", "subGroupType": "", "menuCat": "Statements", "order": "3", "firstAnchor": { "contextRef": "C_213b37c7-e8f8-488e-82c9-f4fb68b82b31", "name": "us-gaap:NetIncomeLoss", "unitRef": "U_USD", "xsiNil": "false", "lang": null, "decimals": "-6", "ancestors": ["span", "p", "td", "tr", "table", "body", "html"], "reportCount": 1, "baseRef": "aa-20240630.htm", "first": true }, "uniqueAnchor": { "contextRef": "C_213b37c7-e8f8-488e-82c9-f4fb68b82b31", "name": "us-gaap:OtherComprehensiveIncomeDefinedBenefitPlansAdjustmentNetOfTaxPortionAttributableToParent", "unitRef": "U_USD", "xsiNil": "false", "lang": null, "decimals": "-6", "ancestors": ["span", "p", "td", "tr", "table", "body", "html"], "reportCount": 1, "baseRef": "aa-20240630.htm", "unique": true } }, "R4": { "role": "http://www.alcoa.com/20240630/taxonomy/role/StatementConsolidatedBalanceSheetUnaudited", "longName": "100030 - Statement - Consolidated Balance Sheet (unaudited)", "shortName": "Consolidated Balance Sheet (unaudited)", "isDefault": "false", "groupType": "statement", "subGroupType": "", "menuCat": "Statements", "order": "4", "firstAnchor": { "contextRef": "C_0d0be570-2df9-49c0-b8c4-2d9dd08041f4", "name": "us-gaap:CashAndCashEquivalentsAtCarryingValue", "unitRef": "U_USD", "xsiNil": "false", "lang": null, "decimals": "-6", "ancestors": ["span", "p", "td", "tr", "table", "body", "html"], "reportCount": 1, "baseRef": "aa-20240630.htm", "first": true }, "uniqueAnchor": { "contextRef": "C_0d0be570-2df9-49c0-b8c4-2d9dd08041f4", "name": "us-gaap:AccountsReceivableNetCurrent", "unitRef": "U_USD", "xsiNil": "false", "lang": null, "decimals": "-6", "ancestors": ["span", "p", "td", "tr", "table", "body", "html"], "reportCount": 1, "baseRef": "aa-20240630.htm", "unique": true } }, "R5": { "role": "http://www.alcoa.com/20240630/taxonomy/role/StatementStatementOfConsolidatedCashFlowsUnaudited", "longName": "100040 - Statement - Statement of Consolidated Cash Flows (unaudited)", "shortName": "Statement of Consolidated Cash Flows (unaudited)", "isDefault": "false", "groupType": "statement", "subGroupType": "", "menuCat": "Statements", "order": "5", "firstAnchor": { "contextRef": "C_6f7ee01e-5c7b-4907-9fe3-d2aa3c6bc1c7", "name": "us-gaap:ProfitLoss", "unitRef": "U_USD", "xsiNil": "false", "lang": null, "decimals": "-6", "ancestors": ["span", "p", "td", "tr", "table", "body", "html"], "reportCount": 1, "baseRef": "aa-20240630.htm", "first": true }, "uniqueAnchor": { "contextRef": "C_6f7ee01e-5c7b-4907-9fe3-d2aa3c6bc1c7", "name": "us-gaap:DeferredIncomeTaxExpenseBenefit", "unitRef": "U_USD", "xsiNil": "false", "lang": null, "decimals": "-6", "ancestors": ["span", "p", "td", "tr", "table", "body", "html"], "reportCount": 1, "baseRef": "aa-20240630.htm", "unique": true } }, "R6": { "role": "http://www.alcoa.com/20240630/taxonomy/role/Role_StatementStatementOfChangesInConsolidatedEquityUnaudited", "longName": "100050 - Statement - Statement of Changes in Consolidated Equity (unaudited)", "shortName": "Statement of Changes in Consolidated Equity (unaudited)", "isDefault": "false", "groupType": "statement", "subGroupType": "", "menuCat": "Statements", "order": "6", "firstAnchor": { "contextRef": "C_89f26171-4e2b-4c7c-820d-3226e88bbbda", "name": "us-gaap:StockholdersEquityIncludingPortionAttributableToNoncontrollingInterest", "unitRef": "U_USD", "xsiNil": "false", "lang": null, "decimals": "-6", "ancestors": ["span", "p", "td", "tr", "table", "body", "html"], "reportCount": 1, "baseRef": "aa-20240630.htm", "first": true }, "uniqueAnchor": { "contextRef": "C_bb2a36c8-d823-4283-8ee2-18c1d48efbb4", "name": "us-gaap:ProfitLoss", "unitRef": "U_USD", "xsiNil": "false", "lang": null, "decimals": "-6", "ancestors": ["span", "p", "td", "tr", "table", "body", "html"], "reportCount": 1, "baseRef": "aa-20240630.htm", "unique": true } }, "R7": { "role": "http://www.alcoa.com/20240630/taxonomy/role/Role_StatementStatementOfChangesInConsolidatedEquityUnauditedParenthetical", "longName": "100060 - Statement - Statement of Changes in Consolidated Equity (unaudited) (Parenthetical)", "shortName": "Statement of Changes in Consolidated Equity (unaudited) (Parenthetical)", "isDefault": "false", "groupType": "statement", "subGroupType": "parenthetical", "menuCat": "Statements", "order": "7", "firstAnchor": { "contextRef": "C_213b37c7-e8f8-488e-82c9-f4fb68b82b31", "name": "us-gaap:CommonStockDividendsPerShareCashPaid", "unitRef": "U_UnitedStatesOfAmericaDollarsShare", "xsiNil": "false", "lang": null, "decimals": "INF", "ancestors": ["span", "p", "td", "tr", "table", "body", "html"], "reportCount": 1, "baseRef": "aa-20240630.htm", "first": true, "unique": true }, "uniqueAnchor": { "contextRef": "C_213b37c7-e8f8-488e-82c9-f4fb68b82b31", "name": "us-gaap:CommonStockDividendsPerShareCashPaid", "unitRef": "U_UnitedStatesOfAmericaDollarsShare", "xsiNil": "false", "lang": null, "decimals": "INF", "ancestors": ["span", "p", "td", "tr", "table", "body", "html"], "reportCount": 1, "baseRef": "aa-20240630.htm", "first": true, "unique": true } }, "R8": { "role": "http://xbrl.sec.gov/ecd/role/PvpDisclosure", "longName": "995410 - Disclosure - Pay vs Performance Disclosure", "shortName": "Pay vs Performance Disclosure", "isDefault": "false", "groupType": "disclosure", "subGroupType": "", "menuCat": "Notes", "order": "8", "firstAnchor": { "contextRef": "C_213b37c7-e8f8-488e-82c9-f4fb68b82b31", "name": "us-gaap:NetIncomeLoss", "unitRef": "U_USD", "xsiNil": "false", "lang": null, "decimals": "-6", "ancestors": ["span", "p", "td", "tr", "table", "body", "html"], "reportCount": 1, "baseRef": "aa-20240630.htm", "first": true }, "uniqueAnchor": null }, "R9": { "role": "http://xbrl.sec.gov/ecd/role/InsiderTradingArrangements", "longName": "995445 - Disclosure - Insider Trading Arrangements", "shortName": "Insider Trading Arrangements", "isDefault": "false", "groupType": "disclosure", "subGroupType": "", "menuCat": "Notes", "order": "9", "firstAnchor": { "contextRef": "C_213b37c7-e8f8-488e-82c9-f4fb68b82b31", "name": "ecd:Rule10b51ArrAdoptedFlag", "unitRef": null, "xsiNil": "false", "lang": "en-US", "decimals": null, "ancestors": ["span", "p", "body", "html"], "reportCount": 1, "baseRef": "aa-20240630.htm", "first": true, "unique": true }, "uniqueAnchor": { "contextRef": "C_213b37c7-e8f8-488e-82c9-f4fb68b82b31", "name": "ecd:Rule10b51ArrAdoptedFlag", "unitRef": null, "xsiNil": "false", "lang": "en-US", "decimals": null, "ancestors": ["span", "p", "body", "html"], "reportCount": 1, "baseRef": "aa-20240630.htm", "first": true, "unique": true } }, "R10": { "role": "http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureBasisOfPresentation", "longName": "995455 - Disclosure - Basis of Presentation", "shortName": "Basis of Presentation", "isDefault": "false", "groupType": "disclosure", "subGroupType": "", "menuCat": "Notes", "order": "10", "firstAnchor": { "contextRef": "C_6f7ee01e-5c7b-4907-9fe3-d2aa3c6bc1c7", "name": "us-gaap:BasisOfAccounting", "unitRef": null, "xsiNil": "false", "lang": "en-US", "decimals": null, "ancestors": ["div", "body", "html"], "reportCount": 1, "baseRef": "aa-20240630.htm", "first": true, "unique": true }, "uniqueAnchor": { "contextRef": "C_6f7ee01e-5c7b-4907-9fe3-d2aa3c6bc1c7", "name": "us-gaap:BasisOfAccounting", "unitRef": null, "xsiNil": "false", "lang": "en-US", "decimals": null, "ancestors": ["div", "body", "html"], "reportCount": 1, "baseRef": "aa-20240630.htm", "first": true, "unique": true } }, "R11": { "role": "http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureRecentlyAdoptedAndRecentlyIssuedAccountingGuidance", "longName": "995465 - Disclosure - Recently Adopted and Recently Issued Accounting Guidance", "shortName": "Recently Adopted and Recently Issued Accounting Guidance", "isDefault": "false", "groupType": "disclosure", "subGroupType": "", "menuCat": "Notes", "order": "11", "firstAnchor": { "contextRef": "C_6f7ee01e-5c7b-4907-9fe3-d2aa3c6bc1c7", "name": "us-gaap:NewAccountingPronouncementsAndChangesInAccountingPrinciplesTextBlock", "unitRef": null, "xsiNil": "false", "lang": "en-US", "decimals": null, "ancestors": ["div", "body", "html"], "reportCount": 1, "baseRef": "aa-20240630.htm", "first": true, "unique": true }, "uniqueAnchor": { "contextRef": "C_6f7ee01e-5c7b-4907-9fe3-d2aa3c6bc1c7",

"name": "us-gaap:NewAccountingPronouncementsAndChangesInAccountingPrinciplesTextBlock", "unitRef": null, "xsiNil": "false", "lang": "en-US", "decimals": null, "ancestors": ["div", "body", "html"], "reportCount": 1, "baseRef": "aa-20240630.htm", "first": true, "unique": true } }, "R12": { "role": "http://www.alcoa.com/20240630/taxonomy/role/DisclosureAcquisitionsAndDivestitures1", "longName": "995475 - Disclosure - Acquisitions and Divestitures", "shortName": "Acquisitions and Divestitures", "isDefault": "false", "groupType": "disclosure", "subGroupType": "", "menuCat": "Notes", "order": "12", "firstAnchor": { "contextRef": "C_6f7ee01e-5c7b-4907-9fe3-d2aa3c6bc1c7", "name": "aa:AcquisitionAndDivestituresDisclosureTextBlock", "unitRef": null, "xsiNil": "false", "lang": "en-US", "decimals": null, "ancestors": ["div", "body", "html"], "reportCount": 1, "baseRef": "aa-20240630.htm", "first": true, "unique": true }, "uniqueAnchor": { "contextRef": "C_6f7ee01e-5c7b-4907-9fe3-d2aa3c6bc1c7", "name": "aa:AcquisitionAndDivestituresDisclosureTextBlock", "unitRef": null, "xsiNil": "false", "lang": "en-US", "decimals": null, "ancestors": ["div", "body", "html"], "reportCount": 1, "baseRef": "aa-20240630.htm", "first": true, "unique": true } }, "R13": { "role": "http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureRestructuringAndOtherChargesNet", "longName": "995485 - Disclosure - Restructuring and Other Charges, Net", "shortName": "Restructuring and Other Charges, Net", "isDefault": "false", "groupType": "disclosure", "subGroupType": "", "menuCat": "Notes", "order": "13", "firstAnchor": { "contextRef": "C_6f7ee01e-5c7b-4907-9fe3-d2aa3c6bc1c7", "name": "us-gaap:RestructuringAndRelatedActivitiesDisclosureTextBlock", "unitRef": null, "xsiNil": "false", "lang": "en-US", "decimals": null, "ancestors": ["div", "body", "html"], "reportCount": 1, "baseRef": "aa-20240630.htm", "first": true, "unique": true }, "uniqueAnchor": { "contextRef": "C_6f7ee01e-5c7b-4907-9fe3-d2aa3c6bc1c7", "name": "us-gaap:RestructuringAndRelatedActivitiesDisclosureTextBlock", "unitRef": null, "xsiNil": "false", "lang": "en-US", "decimals": null, "ancestors": ["div", "body", "html"], "reportCount": 1, "baseRef": "aa-20240630.htm", "first": true, "unique": true } }, "R14": { "role": "http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureSegmentInformation", "longName": "995495 - Disclosure - Segment Information", "shortName": "Segment Information", "isDefault": "false", "groupType": "disclosure", "subGroupType": "", "menuCat": "Notes", "order": "14", "firstAnchor": { "contextRef": "C_6f7ee01e-5c7b-4907-9fe3-d2aa3c6bc1c7", "name": "us-gaap:SegmentReportingDisclosureTextBlock", "unitRef": null, "xsiNil": "false", "lang": "en-US", "decimals": null, "ancestors": ["div", "body", "html"], "reportCount": 1, "baseRef": "aa-20240630.htm", "first": true, "unique": true }, "uniqueAnchor": { "contextRef": "C_6f7ee01e-5c7b-4907-9fe3-d2aa3c6bc1c7", "name": "us-gaap:SegmentReportingDisclosureTextBlock", "unitRef": null, "xsiNil": "false", "lang": "en-US", "decimals": null, "ancestors": ["div", "body", "html"], "reportCount": 1, "baseRef": "aa-20240630.htm", "first": true, "unique": true } }, "R15": { "role": "http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureEarningsPerShare", "longName": "995505 - Disclosure - Earnings Per Share", "shortName": "Earnings Per Share", "isDefault": "false", "groupType": "disclosure", "subGroupType": "", "menuCat": "Notes", "order": "15", "firstAnchor": { "contextRef": "C_6f7ee01e-5c7b-4907-9fe3-d2aa3c6bc1c7", "name": "us-gaap:EarningsPerShareTextBlock", "unitRef": null, "xsiNil": "false", "lang": "en-US", "decimals": null, "ancestors": ["div", "body", "html"], "reportCount": 1, "baseRef": "aa-20240630.htm", "first": true, "unique": true }, "uniqueAnchor": { "contextRef": "C_6f7ee01e-5c7b-4907-9fe3-d2aa3c6bc1c7", "name": "us-gaap:EarningsPerShareTextBlock", "unitRef": null, "xsiNil": "false", "lang": "en-US", "decimals": null, "ancestors": ["div", "body", "html"], "reportCount": 1, "baseRef": "aa-20240630.htm", "first": true, "unique": true } }, "R16": { "role": "http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureAccumulatedOtherComprehensiveLoss", "longName": "995515 - Disclosure - Accumulated Other Comprehensive Loss", "shortName": "Accumulated Other Comprehensive Loss", "isDefault": "false", "groupType": "disclosure", "subGroupType": "", "menuCat": "Notes", "order": "16", "firstAnchor": { "contextRef": "C_6f7ee01e-5c7b-4907-9fe3-d2aa3c6bc1c7", "name": "us-gaap:ComprehensiveIncomeNoteTextBlock", "unitRef": null, "xsiNil": "false", "lang": "en-US", "decimals": null, "ancestors": ["div", "body", "html"], "reportCount": 1, "baseRef": "aa-20240630.htm", "first": true, "unique": true }, "uniqueAnchor": { "contextRef": "C_6f7ee01e-5c7b-4907-9fe3-d2aa3c6bc1c7", "name": "us-gaap:ComprehensiveIncomeNoteTextBlock", "unitRef": null, "xsiNil": "false", "lang": "en-US", "decimals": null, "ancestors": ["div", "body", "html"], "reportCount": 1, "baseRef": "aa-20240630.htm", "first": true, "unique": true } }, "R17": { "role": "http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureInvestments", "longName": "995525 - Disclosure - Investments", "shortName": "Investments", "isDefault": "false", "groupType": "disclosure", "subGroupType": "", "menuCat": "Notes", "order": "17", "firstAnchor": { "contextRef": "C_6f7ee01e-5c7b-4907-9fe3-d2aa3c6bc1c7", "name": "us-gaap:EquityMethodInvestmentsDisclosureTextBlock", "unitRef": null, "xsiNil": "false", "lang": "en-US", "decimals": null, "ancestors": ["div", "body", "html"], "reportCount": 1, "baseRef": "aa-20240630.htm", "first": true, "unique": true }, "uniqueAnchor": { "contextRef": "C_6f7ee01e-5c7b-4907-9fe3-d2aa3c6bc1c7", "name": "us-gaap:EquityMethodInvestmentsDisclosureTextBlock", "unitRef": null, "xsiNil": "false", "lang": "en-US", "decimals": null, "ancestors": ["div", "body", "html"], "reportCount": 1, "baseRef": "aa-20240630.htm", "first": true, "unique": true } }, "R18": { "role": "http://www.alcoa.com/20240630/taxonomy/role/DisclosureReceivables", "longName": "995535 - Disclosure - Receivables", "shortName": "Receivables", "isDefault": "false", "groupType": "disclosure", "subGroupType": "", "menuCat": "Notes", "order": "18", "firstAnchor": { "contextRef": "C_6f7ee01e-5c7b-4907-9fe3-d2aa3c6bc1c7", "name": "us-gaap:FinancingReceivablesTextBlock", "unitRef": null, "xsiNil": "false", "lang": "en-US", "decimals": null, "ancestors": ["div", "body", "html"], "reportCount": 1, "baseRef": "aa-20240630.htm", "first": true, "unique": true }, "uniqueAnchor": { "contextRef": "C_6f7ee01e-5c7b-4907-9fe3-d2aa3c6bc1c7", "name": "us-gaap:FinancingReceivablesTextBlock", "unitRef": null, "xsiNil": "false", "lang": "en-US", "decimals": null, "ancestors": ["div", "body", "html"], "reportCount": 1, "baseRef": "aa-20240630.htm", "first": true, "unique": true } }, "R19": { "role": "http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureInventories", "longName": "995545 - Disclosure - Inventories", "shortName": "Inventories", "isDefault": "false", "groupType": "disclosure", "subGroupType": "", "menuCat": "Notes", "order": "19", "firstAnchor": { "contextRef": "C_6f7ee01e-5c7b-4907-9fe3-d2aa3c6bc1c7", "name": "us-gaap:InventoryDisclosureTextBlock", "unitRef": null, "xsiNil": "false", "lang": "en-US", "decimals": null, "ancestors": ["div", "body", "html"], "reportCount": 1, "baseRef": "aa-20240630.htm", "first": true, "unique": true }, "uniqueAnchor": { "contextRef": "C_6f7ee01e-5c7b-4907-9fe3-d2aa3c6bc1c7", "name": "us-gaap:InventoryDisclosureTextBlock", "unitRef": null, "xsiNil": "false", "lang": "en-US", "decimals": null, "ancestors": ["div", "body", "html"], "reportCount": 1, "baseRef": "aa-20240630.htm", "first": true, "unique": true } }, "R20": { "role": "http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureDebt", "longName": "995565 - Disclosure - Debt", "shortName": "Debt", "isDefault": "false", "groupType": "disclosure", "subGroupType": "", "menuCat": "Notes", "order": "20", "firstAnchor": { "contextRef": "C_6f7ee01e-5c7b-4907-9fe3-d2aa3c6bc1c7", "name": "us-gaap:DebtDisclosureTextBlock", "unitRef": null, "xsiNil": "false", "lang": "en-US", "decimals": null, "ancestors": ["div", "body", "html"], "reportCount": 1, "baseRef": "aa-20240630.htm", "first": true, "unique": true }, "uniqueAnchor": { "contextRef": "C_6f7ee01e-5c7b-4907-9fe3-d2aa3c6bc1c7", "name": "us-gaap:DebtDisclosureTextBlock", "unitRef": null, "xsiNil": "false", "lang": "en-US", "decimals": null, "ancestors": ["div", "body", "html"], "reportCount": 1, "baseRef": "aa-20240630.htm", "first": true, "unique": true } }, "R21": { "role": "http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosurePensionAndOtherPostretirementBenefits", "longName": "995575 - Disclosure - Pension and Other Postretirement Benefits", "shortName": "Pension and Other Postretirement Benefits", "isDefault": "false", "groupType": "disclosure", "subGroupType": "", "menuCat": "Notes", "order": "21", "firstAnchor": { "contextRef": "C_6f7ee01e-5c7b-4907-9fe3-d2aa3c6bc1c7", "name": "us-gaap:PensionAndOtherPostretirementBenefitsDisclosureTextBlock", "unitRef": null, "xsiNil": "false", "lang": "en-US", "decimals": null, "ancestors": ["div", "body", "html"], "reportCount": 1, "baseRef": "aa-20240630.htm", "first": true, "unique": true }, "uniqueAnchor": { "contextRef": "C_6f7ee01e-5c7b-4907-9fe3-d2aa3c6bc1c7", "name": "us-gaap:PensionAndOtherPostretirementBenefitsDisclosureTextBlock", "unitRef": null, "xsiNil": "false", "lang": "en-US", "decimals": null, "ancestors": ["div", "body", "html"], "reportCount": 1, "baseRef": "aa-20240630.htm", "first": true, "unique": true } }, "R22": { "role": "http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureDerivativesAndOtherFinancialInstruments", "longName": "995585 - Disclosure - Derivatives and Other Financial Instruments", "shortName": "Derivatives and Other Financial Instruments", "isDefault": "false", "groupType": "disclosure", "subGroupType": "", "menuCat": "Notes", "order": "22", "firstAnchor": { "contextRef": "C_6f7ee01e-5c7b-4907-9fe3-d2aa3c6bc1c7", "name": "us-gaap:FairValueDisclosuresTextBlock", "unitRef": null, "xsiNil": "false", "lang": "en-US", "decimals": null, "ancestors": ["div", "body", "html"], "reportCount": 1, "baseRef": "aa-20240630.htm", "first": true, "unique": true }, "uniqueAnchor": { "contextRef": "C_6f7ee01e-5c7b-4907-9fe3-d2aa3c6bc1c7", "name": "us-gaap:FairValueDisclosuresTextBlock", "unitRef": null, "xsiNil": "false", "lang": "en-US", "decimals": null, "ancestors": ["div", "body", "html"], "reportCount": 1, "baseRef": "aa-20240630.htm", "first": true, "unique": true } }, "R23": { "role": "http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureIncomeTaxes", "longName": "995595 - Disclosure - Income Taxes", "shortName": "Income Taxes", "isDefault": "false", "groupType": "disclosure", "subGroupType": "", "menuCat": "Notes", "order": "23", "firstAnchor": { "contextRef": "C_6f7ee01e-5c7b-4907-9fe3-d2aa3c6bc1c7", "name": "us-gaap:IncomeTaxDisclosureTextBlock", "unitRef": null, "xsiNil": "false", "lang": "en-US", "decimals": null, "ancestors": ["div", "body", "html"], "reportCount": 1, "baseRef": "aa-20240630.htm", "first": true, "unique": true }, "uniqueAnchor": { "contextRef": "C_6f7ee01e-5c7b-4907-9fe3-d2aa3c6bc1c7", "name": "us-gaap:IncomeTaxDisclosureTextBlock", "unitRef": null, "xsiNil": "false", "lang": "en-US", "decimals": null, "ancestors": ["div", "body", "html"], "reportCount": 1, "baseRef": "aa-20240630.htm", "first": true, "unique": true } }, "R24": { "role": "http://www.alcoa.com/20240630/taxonomy/role/DisclosureContingencies1", "longName": "995615 - Disclosure - Contingencies", "shortName": "Contingencies", "isDefault": "false", "groupType": "disclosure", "subGroupType": "", "menuCat": "Notes", "order": "24", "firstAnchor": { "contextRef": "C_6f7ee01e-5c7b-4907-9fe3-d2aa3c6bc1c7", "name": "us-gaap:CommitmentsAndContingenciesDisclosureTextBlock", "unitRef": null, "xsiNil": "false", "lang": "en-US", "decimals": null, "ancestors": ["div", "body", "html"], "reportCount": 1, "baseRef": "aa-20240630.htm", "first": true, "unique": true }, "uniqueAnchor": { "contextRef": "C_6f7ee01e-5c7b-4907-9fe3-d2aa3c6bc1c7", "name": "us-gaap:CommitmentsAndContingenciesDisclosureTextBlock", "unitRef": null, "xsiNil": "false", "lang": "en-US", "decimals": null, "ancestors": ["div", "body", "html"], "reportCount": 1, "baseRef": "aa-20240630.htm", "first": true, "unique": true } }, "R25": { "role": "http://www.alcoa.com/20240630/taxonomy/role/DisclosureOtherFinancialInformation", "longName": "995625 - Disclosure - Other Financial Information", "shortName": "Other Financial Information", "isDefault": "false", "groupType": "disclosure", "subGroupType": "", "menuCat": "Notes", "order": "25", "firstAnchor": { "contextRef": "C_6f7ee01e-5c7b-4907-9fe3-d2aa3c6bc1c7", "name": "us-gaap:AdditionalFinancialInformationDisclosureTextBlock", "unitRef": null, "xsiNil": "false", "lang": "en-US", "decimals": null, "ancestors": ["div", "body", "html"], "reportCount": 1, "baseRef": "aa-20240630.htm", "first": true, "unique": true }, "uniqueAnchor": { "contextRef": "C_6f7ee01e-5c7b-4907-9fe3-d2aa3c6bc1c7", "name": "us-gaap:AdditionalFinancialInformationDisclosureTextBlock", "unitRef": null, "xsiNil": "false", "lang": "en-US", "decimals": null, "ancestors": ["div", "body", "html"], "reportCount": 1, "baseRef": "aa-20240630.htm", "first": true, "unique": true } }, "R26": { "role": "http://www.alcoa.com/20240630/taxonomy/role/DisclosureSupplierFinancePrograms", "longName": "995645 - Disclosure - Supplier Finance Programs", "shortName": "Supplier Finance Programs", "isDefault": "false", "groupType": "disclosure", "subGroupType": "", "menuCat": "Notes", "order": "26", "firstAnchor": { "contextRef": "C_6f7ee01e-5c7b-4907-9fe3-d2aa3c6bc1c7", "name": "aa:SupplierFinanceProgramsTextBlock", "unitRef": null, "xsiNil": "false", "lang": "en-US", "decimals": null, "ancestors": ["div", "body", "html"], "reportCount": 1, "baseRef": "aa-20240630.htm", "first": true, "unique": true }, "uniqueAnchor": { "contextRef": "C_6f7ee01e-5c7b-4907-9fe3-d2aa3c6bc1c7", "name": "aa:SupplierFinanceProgramsTextBlock", "unitRef": null, "xsiNil": "false", "lang": "en-US", "decimals": null, "ancestors": ["div", "body", "html"], "reportCount": 1, "baseRef": "aa-20240630.htm", "first": true, "unique": true } }, "R27": { "role": "http://www.alcoa.com/20240630/taxonomy/role/DisclosureSubsequentEvents", "longName": "995655 - Disclosure - Subsequent Events", "shortName": "Subsequent Events", "isDefault": "false", "groupType": "disclosure", "subGroupType": "", "menuCat": "Notes", "order": "27", "firstAnchor": { "contextRef": "C_6f7ee01e-5c7b-4907-9fe3-d2aa3c6bc1c7", "name": "us-gaap:SubsequentEventsTextBlock", "unitRef": null, "xsiNil": "false", "lang": "en-US", "decimals": null, "ancestors": ["div", "body", "html"], "reportCount": 1, "baseRef": "aa-20240630.htm", "first": true, "unique": true }, "uniqueAnchor": { "contextRef": "C_6f7ee01e-5c7b-4907-9fe3-d2aa3c6bc1c7", "name": "us-gaap:SubsequentEventsTextBlock", "unitRef": null, "xsiNil": "false", "lang": "en-US", "decimals": null, "ancestors": ["div", "body", "html"], "reportCount": 1, "baseRef": "aa-20240630.htm", "first": true, "unique": true } }, "R28": { "role": "http://www.alcoa.com/20240630/taxonomy/role/DisclosureBasisOfPresentationPolicies", "longName": "995665 - Disclosure - Basis of Presentation (Policies)", "shortName": "Basis of Presentation (Policies)", "isDefault": "false", "groupType": "disclosure", "subGroupType": "policies", "menuCat": "Policies", "order": "28", "firstAnchor": { "contextRef": "C_6f7ee01e-5c7b-4907-9fe3-d2aa3c6bc1c7", "name": "us-gaap:BasisOfAccountingPolicyPolicyTextBlock", "unitRef": null, "xsiNil": "false", "lang": "en-US", "decimals": null, "ancestors": ["div", "us-gaap:BasisOfAccounting", "div", "body", "html"], "reportCount": 1, "baseRef": "aa-20240630.htm", "first": true, "unique": true }, "uniqueAnchor": { "contextRef": "C_6f7ee01e-5c7b-4907-9fe3-d2aa3c6bc1c7", "name": "us-gaap:BasisOfAccountingPolicyPolicyTextBlock", "unitRef": null, "xsiNil": "false", "lang": "en-US", "decimals": null, "ancestors": ["div", "us-gaap:BasisOfAccounting", "div", "body", "html"], "reportCount": 1, "baseRef": "aa-20240630.htm", "first": true, "unique": true } }, "R29": { "role": "http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureRestructuringAndOtherChargesNetTables", "longName": "995675 - Disclosure - Restructuring and Other Charges, Net (Tables)", "shortName": "Restructuring and Other Charges, Net (Tables)", "isDefault": "false", "groupType": "disclosure", "subGroupType": "tables", "menuCat": "Tables", "order": "29", "firstAnchor": { "contextRef": "C_6f7ee01e-5c7b-4907-9fe3-d2aa3c6bc1c7", "name": "aa:ScheduleOfRestructuringChargesNetBeforeIncomeTaxNotAllocatedToReportableSegmentTableTextBlock", "unitRef": null, "xsiNil": "false", "lang": "en-US", "decimals": null, "ancestors": ["div", "us-gaap:RestructuringAndRelatedActivitiesDisclosureTextBlock", "div", "body", "html"], "reportCount": 1, "baseRef": "aa-20240630.htm", "first": true, "unique": true }, "uniqueAnchor": { "contextRef": "C_6f7ee01e-5c7b-4907-9fe3-d2aa3c6bc1c7", "name": "aa:ScheduleOfRestructuringChargesNetBeforeIncomeTaxNotAllocatedToReportableSegmentTableTextBlock", "unitRef": null, "xsiNil": "false", "lang": "en-US", "decimals": null, "ancestors": ["div", "us-gaap:RestructuringAndRelatedActivitiesDisclosureTextBlock", "div", "body", "html"], "reportCount": 1, "baseRef": "aa-20240630.htm", "first": true, "unique": true } }, "R30": { "role": "http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureSegmentInformationTables", "longName": "995685 - Disclosure - Segment Information (Tables)", "shortName": "Segment Information (Tables)", "isDefault": "false", "groupType": "disclosure", "subGroupType": "tables", "menuCat": "Tables", "order": "30", "firstAnchor": { "contextRef": "C_6f7ee01e-5c7b-4907-9fe3-d2aa3c6bc1c7", "name": "us-gaap:ScheduleOfSegmentReportingInformationBySegmentTextBlock", "unitRef": null, "xsiNil": "false", "lang": "en-US", "decimals": null, "ancestors": ["div", "us-gaap:SegmentReportingDisclosureTextBlock", "div", "body", "html"], "reportCount": 1, "baseRef": "aa-20240630.htm", "first": true, "unique": true }, "uniqueAnchor": { "contextRef": "C_6f7ee01e-5c7b-4907-9fe3-d2aa3c6bc1c7", "name": "us-gaap:ScheduleOfSegmentReportingInformationBySegmentTextBlock", "unitRef": null, "xsiNil": "false", "lang": "en-US", "decimals": null, "ancestors": ["div", "us-

gaap:SegmentReportingDisclosureTextBlock", "div", "body", "html"], "reportCount": 1, "baseRef": "aa-20240630.htm", "first": true, "unique": true } }, "R31": { "role": "http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureEarningsPerShareTables", "longName": "995695 - Disclosure - Earnings Per Share (Tables)", "shortName": "Earnings Per Share (Tables)", "isDefault": false, "groupType": "disclosure", "subGroupType": "tables", "menuCat": "Tables", "order": "31", "firstAnchor": { "contextRef": "C_6f7ee01e-5c7b-4907-9fe3-d2aa3c6bc1c7", "name": "us-gaap:ScheduleOfEarningsPerShareBasicAndDilutedTableTextBlock", "unitRef": null, "xsiNil": "false", "lang": "en-US", "decimals": null, "ancestors": ["div", "us-gaap:EarningsPerShareTextBlock", "div", "body", "html"], "reportCount": 1, "baseRef": "aa-20240630.htm", "first": true, "unique": true }, "uniqueAnchor": { "contextRef": "C_6f7ee01e-5c7b-4907-9fe3-d2aa3c6bc1c7", "name": "us-gaap:ScheduleOfEarningsPerShareBasicAndDilutedTableTextBlock", "unitRef": null, "xsiNil": "false", "lang": "en-US", "decimals": null, "ancestors": ["div", "us-gaap:EarningsPerShareTextBlock", "div", "body", "html"], "reportCount": 1, "baseRef": "aa-20240630.htm", "first": true, "unique": true } }, "R32": { "role": "http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureAccumulatedOtherComprehensiveLossTables", "longName": "995705 - Disclosure - Accumulated Other Comprehensive Loss (Tables)", "shortName": "Accumulated Other Comprehensive Loss (Tables)", "isDefault": false, "groupType": "disclosure", "subGroupType": "tables", "menuCat": "Tables", "order": "32", "firstAnchor": { "contextRef": "C_6f7ee01e-5c7b-4907-9fe3-d2aa3c6bc1c7", "name": "us-gaap:ScheduleOfAccumulatedOtherComprehensiveIncomeLossTableTextBlock", "unitRef": null, "xsiNil": "false", "lang": "en-US", "decimals": null, "ancestors": ["div", "us-gaap:ComprehensiveIncomeNoteTextBlock", "div", "body", "html"], "reportCount": 1, "baseRef": "aa-20240630.htm", "first": true, "unique": true }, "uniqueAnchor": { "contextRef": "C_6f7ee01e-5c7b-4907-9fe3-d2aa3c6bc1c7", "name": "us-gaap:ScheduleOfAccumulatedOtherComprehensiveIncomeLossTableTextBlock", "unitRef": null, "xsiNil": "false", "lang": "en-US", "decimals": null, "ancestors": ["div", "us-gaap:ComprehensiveIncomeNoteTextBlock", "div", "body", "html"], "reportCount": 1, "baseRef": "aa-20240630.htm", "first": true, "unique": true } }, "R33": { "role": "http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureInvestmentsTables", "longName": "995715 - Disclosure - Investments (Tables)", "shortName": "Investments (Tables)", "isDefault": false, "groupType": "disclosure", "subGroupType": "tables", "menuCat": "Tables", "order": "33", "firstAnchor": { "contextRef": "C_6f7ee01e-5c7b-4907-9fe3-d2aa3c6bc1c7", "name": "us-gaap:EquityMethodInvestmentsTextBlock", "unitRef": null, "xsiNil": "false", "lang": "en-US", "decimals": null, "ancestors": ["span", "p", "us-gaap:EquityMethodInvestmentsDisclosureTextBlock", "div", "body", "html"], "reportCount": 1, "baseRef": "aa-20240630.htm", "first": true, "unique": true }, "uniqueAnchor": { "contextRef": "C_6f7ee01e-5c7b-4907-9fe3-d2aa3c6bc1c7", "name": "us-gaap:EquityMethodInvestmentsTextBlock", "unitRef": null, "xsiNil": "false", "lang": "en-US", "decimals": null, "ancestors": ["span", "p", "us-gaap:EquityMethodInvestmentsDisclosureTextBlock", "div", "body", "html"], "reportCount": 1, "baseRef": "aa-20240630.htm", "first": true, "unique": true } }, "R34": { "role": "http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureInventoriesTables", "longName": "995725 - Disclosure - Inventories (Tables)", "isDefault": "false", "groupType": "disclosure", "subGroupType": "tables", "menuCat": "Tables", "order": "34", "firstAnchor": { "contextRef": "C_6f7ee01e-5c7b-4907-9fe3-d2aa3c6bc1c7", "name": "us-gaap:ScheduleOfInventoryCurrentTableTextBlock", "unitRef": null, "xsiNil": "false", "lang": "en-US", "decimals": null, "ancestors": ["div", "us-gaap:InventoryDisclosureTextBlock", "div", "body", "html"], "reportCount": 1, "baseRef": "aa-20240630.htm", "first": true, "unique": true }, "uniqueAnchor": { "contextRef": "C_6f7ee01e-5c7b-4907-9fe3-d2aa3c6bc1c7", "name": "us-gaap:ScheduleOfInventoryCurrentTableTextBlock", "unitRef": null, "xsiNil": "false", "lang": "en-US", "decimals": null, "ancestors": ["div", "us-gaap:InventoryDisclosureTextBlock", "div", "body", "html"], "reportCount": 1, "baseRef": "aa-20240630.htm", "first": true, "unique": true } }, "R35": { "role": "http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosurePensionAndOtherPostretirementBenefitsTables", "longName": "995745 - Disclosure - Pension and Other Postretirement Benefits (Tables)", "shortName": "Pension and Other Postretirement Benefits (Tables)", "isDefault": "false", "groupType": "disclosure", "subGroupType": "tables", "menuCat": "Tables", "order": "35", "firstAnchor": { "contextRef": "C_6f7ee01e-5c7b-4907-9fe3-d2aa3c6bc1c7", "name": "us-gaap:ScheduleOfNetBenefitCostsTableTextBlock", "unitRef": null, "xsiNil": "false", "lang": "en-US", "decimals": null, "ancestors": ["div", "us-gaap:PensionAndOtherPostretirementBenefitsDisclosureTextBlock", "div", "body", "html"], "reportCount": 1, "baseRef": "aa-20240630.htm", "first": true, "unique": true }, "uniqueAnchor": { "contextRef": "C_6f7ee01e-5c7b-4907-9fe3-d2aa3c6bc1c7", "name": "us-gaap:ScheduleOfNetBenefitCostsTableTextBlock", "unitRef": null, "xsiNil": "false", "lang": "en-US", "decimals": null, "ancestors": ["div", "us-gaap:PensionAndOtherPostretirementBenefitsDisclosureTextBlock", "div", "body", "html"], "reportCount": 1, "baseRef": "aa-20240630.htm", "first": true, "unique": true } }, "R36": { "role": "http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureDerivativesAndOtherFinancialInstrumentsTables", "longName": "995755 - Disclosure - Derivatives and Other Financial Instruments (Tables)", "shortName": "Derivatives and Other Financial Instruments (Tables)", "isDefault": "false", "groupType": "disclosure", "subGroupType": "tables", "menuCat": "Tables", "order": "36", "firstAnchor": { "contextRef": "C_6f7ee01e-5c7b-4907-9fe3-d2aa3c6bc1c7", "name": "us-gaap:FairValueAssetsAndLiabilitiesMeasuredOnRecurringAndNonrecurringBasisTableTextBlock", "unitRef": null, "xsiNil": "false", "lang": "en-US", "decimals": null, "ancestors": ["div", "us-gaap:FairValueDisclosuresTextBlock", "div", "body", "html"], "reportCount": 1, "baseRef": "aa-20240630.htm", "first": true, "unique": true }, "uniqueAnchor": { "contextRef": "C_6f7ee01e-5c7b-4907-9fe3-d2aa3c6bc1c7", "name": "us-gaap:FairValueAssetsAndLiabilitiesMeasuredOnRecurringAndNonrecurringBasisTableTextBlock", "unitRef": null, "xsiNil": "false", "lang": "en-US", "decimals": null, "ancestors": ["div", "us-gaap:FairValueDisclosuresTextBlock", "div", "body", "html"], "reportCount": 1, "baseRef": "aa-20240630.htm", "first": true, "unique": true } }, "R37": { "role": "http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureIncomeTaxesTables", "longName": "995765 - Disclosure - Income Taxes (Tables)", "shortName": "Income Taxes (Tables)", "isDefault": "false", "groupType": "disclosure", "subGroupType": "tables", "menuCat": "Tables", "order": "37", "firstAnchor": { "contextRef": "C_6f7ee01e-5c7b-4907-9fe3-d2aa3c6bc1c7", "name": "us-gaap:ScheduleOfComponentsOfIncomeTaxExpenseBenefitTableTextBlock", "unitRef": null, "xsiNil": "false", "lang": "en-US", "decimals": null, "ancestors": ["div", "us-gaap:IncomeTaxDisclosureTextBlock", "div", "body", "html"], "reportCount": 1, "baseRef": "aa-20240630.htm", "first": true, "unique": true }, "uniqueAnchor": { "contextRef": "C_6f7ee01e-5c7b-4907-9fe3-d2aa3c6bc1c7", "name": "us-gaap:ScheduleOfComponentsOfIncomeTaxExpenseBenefitTableTextBlock", "unitRef": null, "xsiNil": "false", "lang": "en-US", "decimals": null, "ancestors": ["div", "us-gaap:IncomeTaxDisclosureTextBlock", "div", "body", "html"], "reportCount": 1, "baseRef": "aa-20240630.htm", "first": true, "unique": true } }, "R38": { "role": "http://www.alcoa.com/20240630/taxonomy/role/DisclosureContingenciesTables", "longName": "995775 - Disclosure - Contingencies (Tables)", "shortName": "Contingencies (Tables)", "isDefault": "false", "groupType": "disclosure", "subGroupType": "tables", "menuCat": "Tables", "order": "38", "firstAnchor": { "contextRef": "C_6f7ee01e-5c7b-4907-9fe3-d2aa3c6bc1c7", "name": "aa:ScheduleOfChangesInCarryingValueOfRecordedEnvironmentalRemediationReservesTableTextBlock", "unitRef": null, "xsiNil": "false", "lang": "en-US", "decimals": null, "ancestors": ["span", "p", "us-gaap:CommitmentsAndContingenciesDisclosureTextBlock", "div", "body", "html"], "reportCount": 1, "baseRef": "aa-20240630.htm", "first": true, "unique": true }, "uniqueAnchor": { "contextRef": "C_6f7ee01e-5c7b-4907-9fe3-d2aa3c6bc1c7", "name": "aa:ScheduleOfChangesInCarryingValueOfRecordedEnvironmentalRemediationReservesTableTextBlock", "unitRef": null, "xsiNil": "false", "lang": "en-US", "decimals": null, "ancestors": ["span", "p", "us-gaap:CommitmentsAndContingenciesDisclosureTextBlock", "div", "body", "html"], "reportCount": 1, "baseRef": "aa-20240630.htm", "first": true, "unique": true } }, "R39": { "role": "http://www.alcoa.com/20240630/taxonomy/role/DisclosureOtherFinancialInformationTables", "longName": "995785 - Disclosure - Other Financial Information (Tables)", "shortName": "Other Financial Information (Tables)", "isDefault": "false", "groupType": "disclosure", "subGroupType": "tables", "menuCat": "Tables", "order": "39", "firstAnchor": { "contextRef": "C_6f7ee01e-5c7b-4907-9fe3-d2aa3c6bc1c7", "name": "us-gaap:ScheduleOfOtherNonoperatingIncomeExpenseTableTextBlock", "unitRef": null, "xsiNil": "false", "lang": "en-US", "decimals": null, "ancestors": ["div", "us-gaap:AdditionalFinancialInformationDisclosureTextBlock", "div", "body", "html"], "reportCount": 1, "baseRef": "aa-20240630.htm", "first": true, "unique": true }, "uniqueAnchor": { "contextRef": "C_6f7ee01e-5c7b-4907-9fe3-d2aa3c6bc1c7", "name": "us-gaap:ScheduleOfOtherNonoperatingIncomeExpenseTableTextBlock", "unitRef": null, "xsiNil": "false", "lang": "en-US", "decimals": null, "ancestors": ["div", "us-gaap:AdditionalFinancialInformationDisclosureTextBlock", "div", "body", "html"], "reportCount": 1, "baseRef": "aa-20240630.htm", "first": true, "unique": true } }, "R40": { "role": "http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureBasisOfPresentationAdditionalInformationDetail", "longName": "995795 - Disclosure - Basis of Presentation - Additional Information (Detail)", "shortName": "Basis of Presentation - Additional Information (Detail)", "isDefault": "false", "groupType": "disclosure", "subGroupType": "details", "menuCat": "Details", "order": "40", "firstAnchor": { "contextRef": "C_c0714b29-5c06-4a4d-a0a5-c05ca11c6566", "name": "aa:OwnershipInterestInJointVenture", "unitRef": "U_pure", "xsiNil": "false", "lang": null, "decimals": "2", "ancestors": ["span", "p", "us-gaap:ConsolidationPolicyTextBlock", "div", "us-gaap:BasisOfAccounting", "div", "body", "html"], "reportCount": 1, "baseRef": "aa-20240630.htm", "first": true, "unique": true }, "uniqueAnchor": { "contextRef": "C_c0714b29-5c06-4a4d-a0a5-c05ca11c6566", "name": "aa:OwnershipInterestInJointVenture", "unitRef": "U_pure", "xsiNil": "false", "lang": null, "decimals": "2", "ancestors": ["span", "p", "us-gaap:ConsolidationPolicyTextBlock", "div", "us-gaap:BasisOfAccounting", "div", "body", "html"], "reportCount": 1, "baseRef": "aa-20240630.htm", "first": true, "unique": true } }, "R41": { "role": "http://www.alcoa.com/20240630/taxonomy/role/DisclosureAcquisitionsAndDivestituresAdditionalInformationDetail", "longName": "995815 - Disclosure - Acquisitions and Divestitures - Additional Information (Detail)", "shortName": "Acquisitions and Divestitures - Additional Information (Detail)", "isDefault": "false", "groupType": "disclosure", "subGroupType": "details", "menuCat": "Details", "order": "41", "firstAnchor": { "contextRef": "C_1241fbe5-53c2-4018-b357-cae2a986b389", "name": "aa:EstimatedLiabilitiesForFutureSiteSeparationCommitmentCharge", "unitRef": "U_USD", "xsiNil": "false", "lang": null, "decimals": "-6", "ancestors": ["span", "p", "aa:AcquisitionAndDivestituresDisclosureTextBlock", "div", "body", "html"], "reportCount": 1, "baseRef": "aa-20240630.htm", "first": true, "unique": true }, "uniqueAnchor": { "contextRef": "C_1241fbe5-53c2-4018-b357-cae2a986b389", "name": "aa:EstimatedLiabilitiesForFutureSiteSeparationCommitmentCharge", "unitRef": "U_USD", "xsiNil": "false", "lang": null, "decimals": "-6", "ancestors": ["span", "p", "aa:AcquisitionAndDivestituresDisclosureTextBlock", "div", "body", "html"], "reportCount": 1, "baseRef": "aa-20240630.htm", "first": true, "unique": true } }, "R42": { "role": "http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureRestructuringAndOtherChargesNetAdditionalInformationDetail", "longName": "995825 - Disclosure - Restructuring and Other Charges, Net - Additional Information (Detail)", "shortName": "Restructuring and Other Charges, Net - Additional Information (Detail)", "isDefault": "false", "groupType": "disclosure", "subGroupType": "details", "menuCat": "Details", "order": "42", "firstAnchor": { "contextRef": "C_213b37c7-e8f8-488e-82c9-f4fb68b82b31", "name": "aa:RestructuringAndOtherCharges", "unitRef": "U_USD", "xsiNil": "false", "lang": null, "decimals": "-6", "ancestors": ["span", "p", "td", "tr", "table", "aa:ScheduleOfSegmentReportingInformationToConsolidateNetIncomeLossAttributableToParentTableTextBlock", "div", "us-gaap:SegmentReportingDisclosureTextBlock", "div", "body", "html"], "reportCount": 1, "baseRef": "aa-20240630.htm", "first": true }, "uniqueAnchor": { "contextRef": "C_3cc636b2-c9cd-4ea8-8c6a-e2696ae8756c", "name": "aa:RestructuringAndOtherCharges", "unitRef": "U_USD", "xsiNil": "false", "lang": null, "decimals": "-6", "ancestors": ["span", "div", "div", "us-gaap:RestructuringAndRelatedActivitiesDisclosureTextBlock", "div", "body", "html"], "reportCount": 1, "baseRef": "aa-20240630.htm", "unique": true } }, "R43": { "role": "http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureRestructuringAndOtherChargesNetScheduleOfRestructuringAndOtherChargesNetByReportableSegmentsPretax", "longName": "995835 - Disclosure - Restructuring and Other Charges, Net - Schedule of Restructuring and Other Charges, Net by Reportable Segments, Pretax (Detail)", "shortName": "Restructuring and Other Charges, Net - Schedule of Restructuring and Other Charges, Net by Reportable Segments, Pretax (Detail)", "isDefault": "false", "groupType": "disclosure", "subGroupType": "details", "menuCat": "Details", "order": "43", "firstAnchor": { "contextRef": "C_213b37c7-e8f8-488e-82c9-f4fb68b82b31", "name": "aa:RestructuringAndOtherChargesBenefitNet", "unitRef": "U_USD", "xsiNil": "false", "lang": null, "decimals": "-6", "ancestors": ["span", "p", "td", "tr", "table", "body", "html"], "reportCount": 1, "baseRef": "aa-20240630.htm", "first": true }, "uniqueAnchor": { "contextRef": "C_9daed50b-a948-462b-84aa-9521d3438c88", "name": "aa:RestructuringAndOtherChargesBenefitNet", "unitRef": "U_USD", "xsiNil": "false", "lang": null, "decimals": "-6", "ancestors": ["span", "p", "td", "tr", "table", "aa:ScheduleOfRestructuringChargesNetBeforeIncomeTaxNotAllocatedToReportableSegmentTableTextBlock", "div", "us-gaap:RestructuringAndRelatedActivitiesDisclosureTextBlock", "div", "body", "html"], "reportCount": 1, "baseRef": "aa-20240630.htm", "unique": true } }, "R44": { "role": "http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureRestructuringAndOtherChargesNetActivityAndReserveBalancesForRestructuringChargesDetail", "longName": "995845 - Disclosure - Restructuring and Other Charges, Net - Activity and Reserve Balances for Restructuring Charges (Detail)", "shortName": "Restructuring and Other Charges, Net - Activity and Reserve Balances for Restructuring Charges (Detail)", "isDefault": "false", "groupType": "disclosure", "subGroupType": "details", "menuCat": "Details", "order": "44", "firstAnchor": { "contextRef": "C_c57a1075-0a08-4f1f-ace1-d22d2279b830", "name": "us-gaap:RestructuringReserve", "unitRef": "U_USD", "xsiNil": "false", "lang": null, "decimals": "-6", "ancestors": ["span", "p", "td", "tr", "table", "us-gaap:ScheduleOfRestructuringReserveByTypeOfCostTextBlock", "div", "us-gaap:RestructuringAndRelatedActivitiesDisclosureTextBlock", "div", "body", "html"], "reportCount": 1, "baseRef": "aa-20240630.htm", "first": true }, "uniqueAnchor": { "contextRef": "C_89f26171-4e2b-4c7c-820d-3226e88bbbda", "name": "us-gaap:RestructuringReserve", "unitRef": "U_USD", "xsiNil": "false", "lang": null, "decimals": "-6", "ancestors": ["span", "p", "td", "tr", "table", "us-gaap:ScheduleOfRestructuringReserveByTypeOfCostTextBlock", "div", "us-gaap:RestructuringAndRelatedActivitiesDisclosureTextBlock", "div", "body", "html"], "reportCount": 1, "baseRef": "aa-20240630.htm", "unique": true } }, "R45": { "role": "http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureSegmentInformationScheduleOfOperatingResultsOfAlcoaSReportableSegmentsDetail", "longName": "995855 - Disclosure - Segment Information - Schedule of Operating Results of Alcoa's Reportable Segments (Detail)", "shortName": "Segment Information - Schedule of Operating Results of Alcoa's Reportable Segments (Detail)", "isDefault": "false", "groupType": "disclosure", "subGroupType": "details", "menuCat": "Details", "order": "45", "firstAnchor": { "contextRef": "C_213b37c7-e8f8-488e-82c9-f4fb68b82b31", "name": "aa:AdjustedEbitda", "unitRef": "U_USD", "xsiNil": "false", "lang": null, "decimals": "-6", "ancestors": ["span", "p", "td", "tr", "table", "us-gaap:ScheduleOfSegmentReportingInformationBySegmentTextBlock", "div", "us-gaap:SegmentReportingDisclosureTextBlock", "div", "body", "html"], "reportCount": 1, "baseRef": "aa-20240630.htm", "first": true }, "uniqueAnchor": { "contextRef": "C_213b37c7-e8f8-488e-82c9-f4fb68b82b31", "name": "aa:SegmentReportingInformationDepreciationDepletionAndAmortizationExpenses", "unitRef": "U_USD", "xsiNil": "false", "lang": null, "decimals": "-6", "ancestors": ["span",

"p", "td", "tr", "table", "us-gaap:ScheduleOfSegmentReportingInformationBySegmentTextBlock", "div", "us-gaap:SegmentReportingDisclosureTextBlock", "div", "body", "html"], "reportCount": 1, "baseRef": "aa-20240630.htm", "unique": true } }, "R46": { "role": "http://www.alcoa.com/20240630/taxonomy/role/DisclosureSegmentInformationScheduleOfSegmentAdjustedEbitdaToConsolidatedNetIncomeLossAttributableToAlcoaCorporati "longName": "995865 - Disclosure - Segment Information - Schedule of Segment Adjusted EBITDA to Consolidated Net Income (Loss) Attributable to Alcoa Corporation (Detail)", "shortName": "Segment Information - Schedule of Segment Adjusted EBITDA to Consolidated Net Income (Loss) Attributable to Alcoa Corporation (Detail)", "isDefault": "false", "groupType": "disclosure", "subGroupType": "details", "menuCat": "Details", "order": "46", "firstAnchor": { "contextRef": "C_213b37c7-e8f8-488e-82c9-f4fb68b82b31", "name": "aa:AdjustedEbitda", "unitRef": "U_USD", "xsiNil": "false", "lang": null, "decimals": "-6", "ancestors": ["span", "p", "td", "tr", "table", "us-gaap:ScheduleOfSegmentReportingInformationBySegmentTextBlock", "div", "us-gaap:SegmentReportingDisclosureTextBlock", "div", "body", "html"], "reportCount": 1, "baseRef": "aa-20240630.htm", "first": true }, "uniqueAnchor": { "contextRef": "C_213b37c7-e8f8-488e-82c9-f4fb68b82b31", "name": "aa:SegmentReportingInformationTransformation", "unitRef": "U_USD", "xsiNil": "false", "lang": null, "decimals": "-6", "ancestors": ["span", "p", "td", "tr", "table", "aa:ScheduleOfSegmentReportingInformationToConsolidatedNetIncomeLossAttributableToParentTableTextBlock", "div", "us-gaap:SegmentReportingDisclosureTextBlock", "div", "body", "html"], "reportCount": 1, "baseRef": "aa-20240630.htm", "unique": true } }, "R47": { "role": "http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureSegmentInformationScheduleOfSalesByProductDivisionDetail", "longName": "995875 - Disclosure - Segment Information - Schedule of Sales by Product Division (Detail)", "shortName": "Segment Information - Schedule of Sales by Product Division (Detail)", "isDefault": "false", "groupType": "disclosure", "subGroupType": "details", "menuCat": "Details", "order": "47", "firstAnchor": { "contextRef": "C_213b37c7-e8f8-488e-82c9-f4fb68b82b31", "name": "us-gaap:RevenueFromContractWithCustomerExcludingAssessedTax", "unitRef": "U_USD", "xsiNil": "false", "lang": null, "decimals": "-6", "ancestors": ["span", "p", "td", "tr", "table", "body", "html"], "reportCount": 1, "baseRef": "aa-20240630.htm", "first": true }, "uniqueAnchor": { "contextRef": "C_4afc3851-ca2c-45c4-af6e-4a6d9349dc31", "name": "us-gaap:RevenueFromContractWithCustomerExcludingAssessedTax", "unitRef": "U_USD", "xsiNil": "false", "lang": null, "decimals": "-6", "ancestors": ["span", "p", "td", "tr", "table", "us-gaap:ScheduleOfEntityWideInformationRevenueFromExternalCustomersByProductsAndServicesTextBlock", "div", "us-gaap:SegmentReportingDisclosureTextBlock", "div", "body", "html"], "reportCount": 1, "baseRef": "aa-20240630.htm", "unique": true } }, "R48": { "role": "http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureEarningsPerShareScheduleOfComputationOfBasicAndDilutedEPSAttributableToAlcoaCorporationCommonShare "longName": "995885 - Disclosure - Earnings Per Share - Schedule of Computation of Basic and Diluted EPS Attributable to Alcoa Corporation Common Shareholders (Detail)", "shortName": "Earnings Per Share - Schedule of Computation of Basic and Diluted EPS Attributable to Alcoa Corporation Common Shareholders (Detail)", "isDefault": "false", "groupType": "disclosure", "subGroupType": "details", "menuCat": "Details", "order": "48", "firstAnchor": { "contextRef": "C_213b37c7-e8f8-488e-82c9-f4fb68b82b31", "name": "us-gaap:NetIncomeLoss", "unitRef": "U_USD", "xsiNil": "false", "lang": null, "decimals": "-6", "ancestors": ["span", "p", "td", "tr", "table", "body", "html"], "reportCount": 1, "baseRef": "aa-20240630.htm", "first": true }, "uniqueAnchor": { "contextRef": "C_213b37c7-e8f8-488e-82c9-f4fb68b82b31", "name": "us-gaap:WeightedAverageNumberOfSharesOutstandingBasic", "unitRef": "U_shares", "xsiNil": "false", "lang": null, "decimals": "-6", "ancestors": ["span", "p", "td", "tr", "table", "us-gaap:ScheduleOfEarningsPerShareBasicAndDilutedTableTextBlock", "div", "us-gaap:EarningsPerShareTextBlock", "div", "body", "html"], "reportCount": 1, "baseRef": "aa-20240630.htm", "unique": true } }, "R49": { "role": "http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureEarningsPerShareAdditionalInformationDetail", "longName": "995895 - Disclosure - Earnings Per Share - Additional Information (Detail)", "shortName": "Earnings Per Share - Additional Information (Detail)", "isDefault": "false", "groupType": "disclosure", "subGroupType": "details", "menuCat": "Details", "order": "49", "firstAnchor": { "contextRef": "C_9c4c4366-20b6-465e-b781-5314148f763f", "name": "aa:SharesThatWouldHaveBeenIncludedInDilutedEarningsPerShareCalculation", "unitRef": "U_shares", "xsiNil": "false", "lang": null, "decimals": "-6", "ancestors": ["span", "p", "us-gaap:EarningsPerShareTextBlock", "div", "body", "html"], "reportCount": 1, "baseRef": "aa-20240630.htm", "first": true, "unique": true }, "uniqueAnchor": { "contextRef": "C_9c4c4366-20b6-465e-b781-5314148f763f", "name": "aa:SharesThatWouldHaveBeenIncludedInDilutedEarningsPerShareCalculation", "unitRef": "U_shares", "xsiNil": "false", "lang": null, "decimals": "-6", "ancestors": ["span", "p", "us-gaap:EarningsPerShareTextBlock", "div", "body", "html"], "reportCount": 1, "baseRef": "aa-20240630.htm", "first": true, "unique": true } }, "R50": { "role": "http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureAccumulatedOtherComprehensiveLossSummaryOfChangesInAccumulatedOtherComprehensiveLossIncomeByCo "longName": "995905 - Disclosure - Accumulated Other Comprehensive Loss - Summary of Changes in Accumulated Other Comprehensive (Loss) Income by Component (Detail)", "shortName": "Accumulated Other Comprehensive Loss - Summary of Changes in Accumulated Other Comprehensive (Loss) Income by Component (Detail)", "isDefault": "false", "groupType": "disclosure", "subGroupType": "details", "menuCat": "Details", "order": "50", "firstAnchor": { "contextRef": "C_213b37c7-e8f8-488e-82c9-f4fb68b82b31", "name": "us-gaap:OtherComprehensiveIncomeLossPensionAndOtherPostretirementBenefitPlansAdjustmentNetOfTax", "unitRef": "U_USD", "xsiNil": "false", "lang": null, "decimals": "-6", "ancestors": ["span", "p", "td", "tr", "table", "body", "html"], "reportCount": 1, "baseRef": "aa-20240630.htm", "first": true }, "uniqueAnchor": { "contextRef": "C_12273686-686d-46f5-964b-9e39864016ca", "name": "us-gaap:AccumulatedOtherComprehensiveIncomeLossDefinedBenefitPensionAndOtherPostretirementPlansNetOfTax", "unitRef": "U_USD", "xsiNil": "false", "lang": null, "decimals": "-6", "ancestors": ["span", "p", "td", "tr", "table", "us-gaap:ScheduleOfAccumulatedOtherComprehensiveIncomeLossTableTextBlock", "div", "us-gaap:ComprehensiveIncomeNoteTextBlock", "div", "body", "html"], "reportCount": 1, "baseRef": "aa-20240630.htm", "unique": true } }, "R51": { "role": "http://www.alcoa.com/20240630/taxonomy/role/DisclosureAccumulatedOtherComprehensiveLossSummaryOfChangesInAccumulatedOtherComprehensiveLossIncomeByCompon "longName": "995915 - Disclosure - Accumulated Other Comprehensive Loss - Summary of Changes in Accumulated Other Comprehensive (Loss) Income by Component (Parenthetical) (Detail)", "shortName": "Accumulated Other Comprehensive Loss - Summary of Changes in Accumulated Other Comprehensive (Loss) Income by Component (Parenthetical) (Detail)", "isDefault": "false", "groupType": "disclosure", "subGroupType": "parenthetical", "menuCat": "Details", "order": "51", "firstAnchor": { "contextRef": "C_213b37c7-e8f8-488e-82c9-f4fb68b82b31", "name": "us-gaap:OtherComprehensiveIncomeLossCashFlowHedgeGainLossReclassificationBeforeTax", "unitRef": "U_USD", "xsiNil": "false", "lang": null, "decimals": "-6", "ancestors": ["span", "p", "td", "tr", "table", "us-gaap:FairValueAssetsAndLiabilitiesMeasuredOnRecurringAndNonrecurringBasisTableTextBlock", "div", "us-gaap:FairValueDisclosuresTextBlock", "div", "body", "html"], "reportCount": 1, "baseRef": "aa-20240630.htm", "first": true }, "uniqueAnchor": null }, "R52": { "role": "http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureInvestmentsSummaryOfUnauditedFinancialInformationForAlcoaCorporationSEquityInvestmentsDetail", "longName": "995925 - Disclosure - Investments - Summary of Unaudited Financial Information for Alcoa Corporation's Equity Investments (Detail)", "shortName": "Investments - Summary of Unaudited Financial Information for Alcoa Corporation's Equity Investments (Detail)", "isDefault": "false", "groupType": "disclosure", "subGroupType": "details", "menuCat": "Details", "order": "52", "firstAnchor": { "contextRef": "C_213b37c7-e8f8-488e-82c9-f4fb68b82b31", "name": "us-gaap:ProfitLoss", "unitRef": "U_USD", "xsiNil": "false", "lang": null, "decimals": "-6", "ancestors": ["span", "p", "td", "tr", "table", "body", "html"], "reportCount": 1, "baseRef": "aa-20240630.htm", "first": true }, "uniqueAnchor": { "contextRef": "C_53200425-4656-4798-9aaf-ed2c2464d3c3", "name": "us-gaap:Revenues", "unitRef": "U_USD", "xsiNil": "false", "lang": null, "decimals": "-6", "ancestors": ["span", "p", "td", "tr", "table", "ix:continuation", "div", "us-gaap:EquityMethodInvestmentsDisclosureTextBlock", "div", "body", "html"], "reportCount": 1, "baseRef": "aa-20240630.htm", "unique": true } }, "R53": { "role": "http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureInvestmentsAdditionalInformationDetail", "longName": "995935 - Disclosure - Investments - Additional Information (Detail)", "shortName": "Investments - Additional Information (Detail)", "isDefault": "false", "groupType": "disclosure", "subGroupType": "details", "menuCat": "Details", "order": "53", "firstAnchor": { "contextRef": "C_278352d4-95e0-4dfa-951d-cafd161c74df", "name": "aa:JointVentureRecordedDisputeChargesWithIndustrialUtility", "unitRef": "U_USD", "xsiNil": "false", "lang": null, "decimals": "-6", "ancestors": ["span", "p", "us-gaap:EquityMethodInvestmentsDisclosureTextBlock", "div", "body", "html"], "reportCount": 1, "baseRef": "aa-20240630.htm", "first": true, "unique": true }, "uniqueAnchor": { "contextRef": "C_278352d4-95e0-4dfa-951d-cafd161c74df", "name": "aa:JointVentureRecordedDisputeChargesWithIndustrialUtility", "unitRef": "U_USD", "xsiNil": "false", "lang": null, "decimals": "-6", "ancestors": ["span", "p", "us-gaap:EquityMethodInvestmentsDisclosureTextBlock", "div", "body", "html"], "reportCount": 1, "baseRef": "aa-20240630.htm", "first": true, "unique": true } }, "R54": { "role": "http://www.alcoa.com/20240630/taxonomy/role/DisclosureReceivablesAdditionalInformationDetail", "longName": "995945 - Disclosure - Receivables - Additional Information (Detail)", "shortName": "Receivables - Additional Information (Detail)", "isDefault": "false", "groupType": "disclosure", "subGroupType": "details", "menuCat": "Details", "order": "54", "firstAnchor": { "contextRef": "C_4787edd6-5051-4b70-b118-aa2243f1f66a", "name": "aa:SaleOfGrossCustomerReceivables", "unitRef": "U_USD", "xsiNil": "false", "lang": null, "decimals": "-6", "ancestors": ["span", "p", "us-gaap:FinancingReceivablesTextBlock", "div", "body", "html"], "reportCount": 1, "baseRef": "aa-20240630.htm", "first": true, "unique": true }, "uniqueAnchor": { "contextRef": "C_4787edd6-5051-4b70-b118-aa2243f1f66a", "name": "aa:SaleOfGrossCustomerReceivables", "unitRef": "U_USD", "xsiNil": "false", "lang": null, "decimals": "-6", "ancestors": ["span", "p", "us-gaap:FinancingReceivablesTextBlock", "div", "body", "html"], "reportCount": 1, "baseRef": "aa-20240630.htm", "first": true, "unique": true } }, "R55": { "role": "http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureInventoriesScheduleOfInventoryComponentsDetail", "longName": "995955 - Disclosure - Inventories - Schedule of Inventory Components (Detail)", "shortName": "Inventories - Schedule of Inventory Components (Detail)", "isDefault": "false", "groupType": "disclosure", "subGroupType": "details", "menuCat": "Details", "order": "55", "firstAnchor": { "contextRef": "C_0d0be570-2df9-49c0-b8c4-2d9dd08041f4", "name": "us-gaap:InventoryFinishedGoodsNetOfReserves", "unitRef": "U_USD", "xsiNil": "false", "lang": null, "decimals": "-6", "ancestors": ["span", "p", "td", "tr", "table", "us-gaap:ScheduleOfInventoryCurrentTableTextBlock", "div", "us-gaap:InventoryDisclosureTextBlock", "div", "body", "html"], "reportCount": 1, "baseRef": "aa-20240630.htm", "first": true, "unique": true }, "uniqueAnchor": { "contextRef": "C_0d0be570-2df9-49c0-b8c4-2d9dd08041f4", "name": "us-gaap:InventoryFinishedGoodsNetOfReserves", "unitRef": "U_USD", "xsiNil": "false", "lang": null, "decimals": "-6", "ancestors": ["span", "p", "td", "tr", "table", "us-gaap:ScheduleOfInventoryCurrentTableTextBlock", "div", "us-gaap:InventoryDisclosureTextBlock", "div", "body", "html"], "reportCount": 1, "baseRef": "aa-20240630.htm", "first": true, "unique": true } }, "R56": { "role": "http://www.alcoa.com/20240630/taxonomy/role/DisclosureGoodwillSummaryOfGoodwillWhichIsIncludedInOtherNoncurrentAssetsDetail", "longName": "995975 - Disclosure - Goodwill - Summary of Goodwill which is Included in Other Noncurrent Assets (Detail)", "shortName": "Goodwill - Summary of Goodwill which is Included in Other Noncurrent Assets (Detail)", "isDefault": "false", "groupType": "disclosure", "subGroupType": "details", "menuCat": "Details", "order": "56", "firstAnchor": { "contextRef": "C_0d0be570-2df9-49c0-b8c4-2d9dd08041f4", "name": "us-gaap:Goodwill", "unitRef": "U_USD", "xsiNil": "false", "lang": null, "decimals": "-6", "ancestors": ["span", "p", "td", "tr", "table", "us-gaap:ScheduleOfOtherAssetsNoncurrentTextBlock", "div", "us-gaap:AdditionalFinancialInformationDisclosureTextBlock", "div", "body", "html"], "reportCount": 1, "baseRef": "aa-20240630.htm", "first": true }, "uniqueAnchor": null }, "R57": { "role": "http://www.alcoa.com/20240630/taxonomy/role/DisclosureGoodwillSummaryOfGoodwillWhichIsIncludedInOtherNoncurrentAssetsParentheticalDetail", "longName": "995985 - Disclosure - Goodwill - Summary of Goodwill which is Included in Other Noncurrent Assets (Parenthetical) (Detail)", "shortName": "Goodwill - Summary of Goodwill which is Included in Other Noncurrent Assets (Parenthetical) (Detail)", "isDefault": "false", "groupType": "disclosure", "subGroupType": "parenthetical", "menuCat": "Details", "order": "57", "firstAnchor": { "contextRef": "C_0d0be570-2df9-49c0-b8c4-2d9dd08041f4", "name": "us-gaap:Goodwill", "unitRef": "U_USD", "xsiNil": "false", "lang": null, "decimals": "-6", "ancestors": ["span", "p", "td", "tr", "table", "us-gaap:ScheduleOfOtherAssetsNoncurrentTextBlock", "div", "us-gaap:AdditionalFinancialInformationDisclosureTextBlock", "div", "body", "html"], "reportCount": 1, "baseRef": "aa-20240630.htm", "first": true }, "uniqueAnchor": null }, "R58": { "role": "http://www.alcoa.com/20240630/taxonomy/role/DisclosureDebtAdditionalInformationDetail", "longName": "995995 - Disclosure - Debt - Additional Information (Detail)", "shortName": "Debt - Additional Information (Detail)", "isDefault": "false", "groupType": "disclosure", "subGroupType": "details", "menuCat": "Details", "order": "58", "firstAnchor": { "contextRef": "C_0d0be570-2df9-49c0-b8c4-2d9dd08041f4", "name": "us-gaap:ShortTermBorrowings", "unitRef": "U_USD", "xsiNil": "false", "lang": null, "decimals": "-6", "ancestors": ["span", "p", "us-gaap:DebtDisclosureTextBlock", "div", "body", "html"], "reportCount": 1, "baseRef": "aa-20240630.htm", "first": true }, "uniqueAnchor": { "contextRef": "C_213b37c7-e8f8-488e-82c9-f4fb68b82b31", "name": "aa:ShortTermBorrowingsOfInventoryRelatedToAgreement", "unitRef": "U_USD", "xsiNil": "false", "lang": null, "decimals": "-6", "ancestors": ["span", "p", "us-gaap:DebtDisclosureTextBlock", "div", "body", "html"], "reportCount": 1, "baseRef": "aa-20240630.htm", "unique": true } }, "R59": { "role": "http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosurePensionAndOtherPostretirementBenefitsComponentsOfNetPeriodicBenefitCostDetail", "longName": "996005 - Disclosure - Pension and Other Postretirement Benefits - Components of Net Periodic Benefit Cost (Detail)", "shortName": "Pension and Other Postretirement Benefits - Components of Net Periodic Benefit Cost (Detail)", "isDefault": "false", "groupType": "disclosure", "subGroupType": "details", "menuCat": "Details", "order": "59", "firstAnchor": { "contextRef": "C_16c862df-6fa7-4dad-ab4d-35953f1f0a10", "name": "us-gaap:DefinedBenefitPlanServiceCost", "unitRef": "U_USD", "xsiNil": "false", "lang": null, "decimals": "-6", "ancestors": ["span", "p", "td", "tr", "table", "us-gaap:ScheduleOfNetBenefitCostsTableTextBlock", "div", "us-gaap:PensionAndOtherPostretirementBenefitsDisclosureTextBlock", "div", "body", "html"], "reportCount": 1, "baseRef": "aa-20240630.htm", "first": true, "unique": true }, "uniqueAnchor": { "contextRef": "C_16c862df-6fa7-4dad-ab4d-35953f1f0a10", "name": "us-gaap:DefinedBenefitPlanServiceCost", "unitRef": "U_USD", "xsiNil": "false", "lang": null, "decimals": "-6", "ancestors": ["span", "p", "td", "tr", "table", "us-gaap:ScheduleOfNetBenefitCostsTableTextBlock", "div", "us-gaap:PensionAndOtherPostretirementBenefitsDisclosureTextBlock", "div", "body", "html"], "reportCount": 1, "baseRef": "aa-20240630.htm", "first": true, "unique": true } }, "R60": { "role": "http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosurePensionAndOtherPostretirementBenefitsAdditionalInformationDetail", "longName": "996015 - Disclosure - Pension and Other Postretirement Benefits - Additional Information (Detail)", "shortName": "Pension and Other Postretirement Benefits - Additional Information

(Detail)", "isDefault": "false", "groupType": "disclosure", "subGroupType": "details", "menuCat": "Details", "order": "60", "firstAnchor": { "contextRef": "C_6f7ee01e-5c7b-4907-9fe3-d2aa3c6bc1c7", "name": "us-gaap:IncreaseDecreaseInOtherNoncurrentAssets", "unitRef": "U_USD", "xsiNil": "false", "lang": null, "decimals": "-6", "ancestors": ["span", "p", "td", "tr", "table", "body", "html"], "reportCount": 1, "baseRef": "aa-20240630.htm", "first": true }, "uniqueAnchor": { "contextRef": "C_ad545519-658f-41fc-a970-ae16cf23c419", "name": "aa:DefinedBenefitPlanRecognizedNetGainLossDueToCurtailmentsAfterTax", "unitRef": "U_USD", "xsiNil": "false", "lang": null, "decimals": "0", "ancestors": ["span", "p", "us-gaap:PensionAndOtherPostretirementBenefitsDisclosureTextBlock", "div", "body", "html"], "reportCount": 1, "baseRef": "aa-20240630.htm", "unique": true } }, "R61": { "role": "http://www.alcoa.com/20240630/taxonomy/role/DisclosurePensionAndOtherPostretirementBenefitsSummaryOfInformationInCurtailmentOrSettlementOfBenefitsRequiringRem "longName": "996025 - Disclosure - Pension and Other Postretirement Benefits - Summary of Information in Curtailment or Settlement of Benefits Requiring Remeasurement, Update to Discount Rates Used to Determine Benefit Obligations of Affected Plans (Detail)", "shortName": "Pension and Other Postretirement Benefits - Summary of Information in Curtailment or Settlement of Benefits Requiring Remeasurement, Update to Discount Rates Used to Determine Benefit Obligations of Affected Plans (Detail)", "isDefault": "false", "groupType": "disclosure", "subGroupType": "details", "menuCat": "Details", "order": "61", "firstAnchor": { "contextRef": "C_6f7ee01e-5c7b-4907-9fe3-d2aa3c6bc1c7", "name": "us-gaap:IncreaseDecreaseInOtherNoncurrentAssets", "unitRef": "U_USD", "xsiNil": "false", "lang": null, "decimals": "-6", "ancestors": ["span", "p", "td", "tr", "table", "body", "html"], "reportCount": 1, "baseRef": "aa-20240630.htm", "first": true }, "uniqueAnchor": { "contextRef": "C_71ac15aa-dc9e-440f-95a1-1fe5ac17116c", "name": "us-gaap:DefinedBenefitPlanAssumptionsUsedCalculatingBenefitObligationDiscountRate", "unitRef": "U_pure", "xsiNil": "false", "lang": null, "decimals": "4", "ancestors": ["span", "p", "td", "tr", "table", "aa:ScheduleOfEffectsOfBenefitObligationRemeasurementInCurtailmentAndDiscountRatesTableTextBlock", "div", "us-gaap:PensionAndOtherPostretirementBenefitsDisclosureTextBlock", "div", "body", "html"], "reportCount": 1, "baseRef": "aa-20240630.htm", "unique": true } }, "R62": { "role": "http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureDerivativesAndOtherFinancialInstrumentsAdditionalInformationDetail", "longName": "996035 - Disclosure - Derivatives and Other Financial Instruments - Additional Information (Detail)", "shortName": "Derivatives and Other Financial Instruments - Additional Information (Detail)", "isDefault": "false", "groupType": "disclosure", "subGroupType": "details", "menuCat": "Details", "order": "62", "firstAnchor": { "contextRef": "C_213b37c7-e8f8-488e-82c9-f4fb68b82b31", "name": "us-gaap:OtherComprehensiveIncomeLossCashFlowHedgeGainLossReclassificationBeforeTax", "unitRef": "U_USD", "xsiNil": "false", "lang": null, "decimals": "-6", "ancestors": ["span", "p", "td", "tr", "table", "us-gaap:FairValueAssetsAndLiabilitiesMeasuredOnRecurringAndNonrecurringBasisTableTextBlock", "div", "us-gaap:FairValueDisclosuresTextBlock", "div", "body", "html"], "reportCount": 1, "baseRef": "aa-20240630.htm", "first": true }, "uniqueAnchor": { "contextRef": "C_30b1bccd-2926-4e64-a69f-f33631141679", "name": "aa:DerivativeInstrumentMaturityMonthAndYear", "unitRef": null, "xsiNil": "false", "lang": "en-US", "decimals": null, "ancestors": ["span", "p", "us-gaap:FairValueDisclosuresTextBlock", "div", "body", "html"], "reportCount": 1, "baseRef": "aa-20240630.htm", "unique": true } }, "R63": { "role": "http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureDerivativesAndOtherFinancialInstrumentsScheduleOfDetailForLevel1And3DerivativesDetail", "longName": "996045 - Disclosure - Derivatives and Other Financial Instruments - Schedule of Detail for Level 1 and 3 Derivatives (Detail)", "shortName": "Derivatives and Other Financial Instruments - Schedule of Detail for Level 1 and 3 Derivatives (Detail)", "isDefault": "false", "groupType": "disclosure", "subGroupType": "details", "menuCat": "Details", "order": "63", "firstAnchor": { "contextRef": "C_0d0be570-2df9-49c0-b8c4-2d9dd08041f4", "name": "us-gaap:DerivativeAssetsCurrent", "unitRef": "U_USD", "xsiNil": "false", "lang": null, "decimals": "-6", "ancestors": ["span", "p", "td", "tr", "table", "body", "html"], "reportCount": 1, "baseRef": "aa-20240630.htm", "first": true }, "uniqueAnchor": { "contextRef": "C_557cb1ac-22d5-49ba-b242-d74f0d671f00", "name": "us-gaap:DerivativeAssets", "unitRef": "U_USD", "xsiNil": "false", "lang": null, "decimals": "-6", "ancestors": ["span", "p", "td", "tr", "table", "us-gaap:FairValueAssetsAndLiabilitiesMeasuredOnRecurringAndNonrecurringBasisTableTextBlock", "div", "us-gaap:FairValueDisclosuresTextBlock", "div", "body", "html"], "reportCount": 1, "baseRef": "aa-20240630.htm", "unique": true } }, "R64": { "role": "http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureDerivativesAndOtherFinancialInstrumentsScheduleOfOutstandingQuantitiesOfDerivativeInstrumentsDetail", "longName": "996055 - Disclosure - Derivatives and Other Financial Instruments - Schedule of Outstanding Quantities of Derivative Instruments (Detail)", "shortName": "Derivatives and Other Financial Instruments - Schedule of Outstanding Quantities of Derivative Instruments (Detail)", "isDefault": "false", "groupType": "disclosure", "subGroupType": "details", "menuCat": "Details", "order": "64", "firstAnchor": { "contextRef": "C_f2226777-6452-4209-99a2-1374cc07c062", "name": "us-gaap:DerivativeLiabilities", "unitRef": "U_EUR", "xsiNil": "false", "lang": null, "decimals": "-6", "ancestors": ["span", "p", "td", "tr", "table", "aa:ScheduleOfOutstandingQuantitiesOfDerivativeInstrumentsTableTextBlock", "div", "us-gaap:FairValueDisclosuresTextBlock", "div", "body", "html"], "reportCount": 1, "baseRef": "aa-20240630.htm", "first": true, "unique": true }, "uniqueAnchor": { "contextRef": "C_f2226777-6452-4209-99a2-1374cc07c062", "name": "us-gaap:DerivativeLiabilities", "unitRef": "U_EUR", "xsiNil": "false", "lang": null, "decimals": "-6", "ancestors": ["span", "p", "td", "tr", "table", "aa:ScheduleOfOutstandingQuantitiesOfDerivativeInstrumentsTableTextBlock", "div", "us-gaap:FairValueDisclosuresTextBlock", "div", "body", "html"], "reportCount": 1, "baseRef": "aa-20240630.htm", "first": true, "unique": true } }, "R65": { "role": "http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureDerivativesAndOtherFinancialInstrumentsScheduleOfQuantitativeInformationForLevel3DerivativeContractsDeta "longName": "996065 - Disclosure - Derivatives and Other Financial Instruments - Schedule of Quantitative Information for Level 3 Derivative Contracts (Detail)", "shortName": "Derivatives and Other Financial Instruments - Schedule of Quantitative Information for Level 3 Derivative Contracts (Detail)", "isDefault": "false", "groupType": "disclosure", "subGroupType": "details", "menuCat": "Details", "order": "65", "firstAnchor": { "contextRef": "C_3104f089-c2ce-446f-96f1-5205b09099d3", "name": "us-gaap:DerivativeAssets", "unitRef": "U_USD", "xsiNil": "false", "lang": null, "decimals": "-6", "ancestors": ["span", "p", "td", "tr", "table", "aa:FairValueInputsAssetsLiabilitiesQuantitativeInformationTableTextBlock", "div", "us-gaap:FairValueDisclosuresTextBlock", "div", "body", "html"], "reportCount": 1, "baseRef": "aa-20240630.htm", "first": true, "unique": true }, "uniqueAnchor": { "contextRef": "C_3104f089-c2ce-446f-96f1-5205b09099d3", "name": "us-gaap:DerivativeAssets", "unitRef": "U_USD", "xsiNil": "false", "lang": null, "decimals": "-6", "ancestors": ["span", "p", "td", "tr", "table", "aa:FairValueInputsAssetsLiabilitiesQuantitativeInformationTableTextBlock", "div", "us-gaap:FairValueDisclosuresTextBlock", "div", "body", "html"], "reportCount": 1, "baseRef": "aa-20240630.htm", "first": true, "unique": true } }, "R66": { "role": "http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureDerivativesAndOtherFinancialInstrumentsScheduleOfFairValuesOfLevel3DerivativeInstrumentsRecordedAsAsse "longName": "996075 - Disclosure - Derivatives and Other Financial Instruments - Schedule of Fair Values of Level 3 Derivative Instruments Recorded as Assets and Liabilities (Detail)", "shortName": "Derivatives and Other Financial Instruments - Schedule of Fair Values of Level 3 Derivative Instruments Recorded as Assets and Liabilities (Detail)", "isDefault": "false", "groupType": "disclosure", "subGroupType": "details", "menuCat": "Details", "order": "66", "firstAnchor": { "contextRef": "C_0d0be570-2df9-49c0-b8c4-2d9dd08041f4", "name": "us-gaap:DerivativeAssetsCurrent", "unitRef": "U_USD", "xsiNil": "false", "lang": null, "decimals": "-6", "ancestors": ["span", "p", "td", "tr", "table", "body", "html"], "reportCount": 1, "baseRef": "aa-20240630.htm", "first": true }, "uniqueAnchor": { "contextRef": "C_392050c0-d8c6-486e-834d-60242f2e5cfb", "name": "us-gaap:DerivativeAssets", "unitRef": "U_USD", "xsiNil": "false", "lang": null, "decimals": "-6", "ancestors": ["span", "p", "td", "tr", "table", "us-gaap:ScheduleOfDerivativeInstrumentsInStatementOfFinancialPositionFairValueTextBlock", "div", "us-gaap:FairValueDisclosuresTextBlock", "div", "body", "html"], "reportCount": 1, "baseRef": "aa-20240630.htm", "unique": true } }, "R67": { "role": "http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureDerivativesAndOtherFinancialInstrumentsScheduleOfReconciliationOfActivityForDerivativeContractsDetail", "longName": "996085 - Disclosure - Derivatives and Other Financial Instruments - Schedule of Reconciliation of Activity for Derivative Contracts (Detail)", "shortName": "Derivatives and Other Financial Instruments - Schedule of Reconciliation of Activity for Derivative Contracts (Detail)", "isDefault": "false", "groupType": "disclosure", "subGroupType": "details", "menuCat": "Details", "order": "67", "firstAnchor": { "contextRef": "C_33f4fffd-98c6-4354-8f9b-098608089f60", "name": "us-gaap:FairValueMeasurementWithUnobservableInputsReconciliationRecurringBasisAssetValue", "unitRef": "U_USD", "xsiNil": "false", "lang": null, "decimals": "-6", "ancestors": ["span", "p", "td", "tr", "table", "aa:FairValueAssetsLiabilitiesMeasuredOnRecurringBasisUnobservableInputReconciliationTextBlock", "div", "us-gaap:FairValueDisclosuresTextBlock", "div", "body", "html"], "reportCount": 1, "baseRef": "aa-20240630.htm", "first": true, "unique": true }, "uniqueAnchor": { "contextRef": "C_33f4fffd-98c6-4354-8f9b-098608089f60", "name": "us-gaap:FairValueMeasurementWithUnobservableInputsReconciliationRecurringBasisAssetValue", "unitRef": "U_USD", "xsiNil": "false", "lang": null, "decimals": "-6", "ancestors": ["span", "p", "td", "tr", "table", "aa:FairValueAssetsLiabilitiesMeasuredOnRecurringBasisUnobservableInputReconciliationTextBlock", "div", "us-gaap:FairValueDisclosuresTextBlock", "div", "body", "html"], "reportCount": 1, "baseRef": "aa-20240630.htm", "first": true, "unique": true } }, "R68": { "role": "http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureDerivativesAndOtherFinancialInstrumentsScheduleOfCarryingValuesAndFairValuesOfOtherFinancialInstrument "longName": "996095 - Disclosure - Derivatives and Other Financial Instruments - Schedule of Carrying Values and Fair Values of Other Financial Instruments (Detail)", "shortName": "Derivatives and Other Financial Instruments - Schedule of Carrying Values and Fair Values of Other Financial Instruments (Detail)", "isDefault": "false", "groupType": "disclosure", "subGroupType": "details", "menuCat": "Details", "order": "68", "firstAnchor": { "contextRef": "C_0d0be570-2df9-49c0-b8c4-2d9dd08041f4", "name": "us-gaap:ShortTermBorrowings", "unitRef": "U_USD", "xsiNil": "false", "lang": null, "decimals": "-6", "ancestors": ["span", "p", "us-gaap:DebtDisclosureTextBlock", "div", "body", "html"], "reportCount": 1, "baseRef": "aa-20240630.htm", "first": true }, "uniqueAnchor": { "contextRef": "C_4442e7d9-fbd7-4752-9881-77de136011d4", "name": "us-gaap:CashAndCashEquivalentsFairValueDisclosure", "unitRef": "U_USD", "xsiNil": "false", "lang": null, "decimals": "-6", "ancestors": ["span", "p", "td", "tr", "table", "us-gaap:FairValueByBalanceSheetGroupingTextBlock", "div", "us-gaap:FairValueDisclosuresTextBlock", "div", "body", "html"], "reportCount": 1, "baseRef": "aa-20240630.htm", "unique": true } }, "R69": { "role": "http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureIncomeTaxesAdditionalInformationDetail", "longName": "996105 - Disclosure - Income Taxes - Additional Information (Detail)", "shortName": "Income Taxes - Additional Information (Detail)", "isDefault": "false", "groupType": "disclosure", "subGroupType": "details", "menuCat": "Details", "order": "69", "firstAnchor": { "contextRef": "C_6f7ee01e-5c7b-4907-9fe3-d2aa3c6bc1c7", "name": "us-gaap:EffectiveIncomeTaxRateReconciliationAtFederalStatutoryIncomeTaxRate", "unitRef": "U_pure", "xsiNil": "false", "lang": null, "decimals": "2", "ancestors": ["span", "p", "us-gaap:IncomeTaxDisclosureTextBlock", "div", "body", "html"], "reportCount": 1, "baseRef": "aa-20240630.htm", "first": true, "unique": true }, "uniqueAnchor": { "contextRef": "C_6f7ee01e-5c7b-4907-9fe3-d2aa3c6bc1c7", "name": "us-gaap:EffectiveIncomeTaxRateReconciliationAtFederalStatutoryIncomeTaxRate", "unitRef": "U_pure", "xsiNil": "false", "lang": null, "decimals": "2", "ancestors": ["span", "p", "us-gaap:IncomeTaxDisclosureTextBlock", "div", "body", "html"], "reportCount": 1, "baseRef": "aa-20240630.htm", "first": true, "unique": true } }, "R70": { "role": "http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureIncomeTaxesScheduleOfIncomeTaxesDetail", "longName": "996115 - Disclosure - Income Taxes - Schedule of Income Taxes (Detail)", "shortName": "Income Taxes - Schedule of Income Taxes (Detail)", "isDefault": "false", "groupType": "disclosure", "subGroupType": "details", "menuCat": "Details", "order": "70", "firstAnchor": { "contextRef": "C_213b37c7-e8f8-488e-82c9-f4fb68b82b31", "name": "us-gaap:IncomeLossFromContinuingOperationsBeforeIncomeTaxesExtraordinaryItemsNoncontrollingInterest", "unitRef": "U_USD", "xsiNil": "false", "lang": null, "decimals": "-6", "ancestors": ["span", "p", "td", "tr", "table", "body", "html"], "reportCount": 1, "baseRef": "aa-20240630.htm", "first": true }, "uniqueAnchor": { "contextRef": "C_6f7ee01e-5c7b-4907-9fe3-d2aa3c6bc1c7", "name": "aa:EstimatedAnnualizedEffectiveTaxRate", "unitRef": "U_pure", "xsiNil": "false", "lang": null, "decimals": "3", "ancestors": ["span", "p", "td", "tr", "table", "us-gaap:ScheduleOfComponentsOfIncomeTaxExpenseBenefitTableTextBlock", "div", "us-gaap:IncomeTaxDisclosureTextBlock", "div", "body", "html"], "reportCount": 1, "baseRef": "aa-20240630.htm", "unique": true } }, "R71": { "role": "http://www.alcoa.com/20240630/taxonomy/role/DisclosureContingenciesAdditionalInformationDetail", "longName": "996135 - Disclosure - Contingencies - Additional Information (Detail)", "shortName": "Contingencies - Additional Information (Detail)", "isDefault": "false", "groupType": "disclosure", "subGroupType": "details", "menuCat": "Details", "order": "71", "firstAnchor": { "contextRef": "C_61775f70-614a-4694-8060-69e4d4f71b81", "name": "us-gaap:AccrualForEnvironmentalLossContingenciesChargesToExpenseForNewLosses", "unitRef": "U_USD", "xsiNil": "false", "lang": null, "decimals": "-6", "ancestors": ["span", "p", "us-gaap:CommitmentsAndContingenciesDisclosureTextBlock", "div", "body", "html"], "reportCount": 1, "baseRef": "aa-20240630.htm", "first": true }, "uniqueAnchor": { "contextRef": "C_c57a1075-0a08-4f1f-ace1-d22d2279b830", "name": "us-gaap:AccruedEnvironmentalLossContingenciesCurrent", "unitRef": "U_USD", "xsiNil": "false", "lang": null, "decimals": "-6", "ancestors": ["span", "p", "us-gaap:CommitmentsAndContingenciesDisclosureTextBlock", "div", "body", "html"], "reportCount": 1, "baseRef": "aa-20240630.htm", "unique": true } }, "R72": { "role": "http://www.alcoa.com/20240630/taxonomy/role/DisclosureContingenciesAdditionalInformation1Detail", "longName": "996145 - Disclosure - Contingencies - Additional Information - 1 (Detail)", "shortName": "Contingencies - Additional Information - 1 (Detail)", "isDefault": "false", "groupType": "disclosure", "subGroupType": "details", "menuCat": "Details", "order": "72", "firstAnchor": { "contextRef": "C_0d0be570-2df9-49c0-b8c4-2d9dd08041f4", "name": "us-gaap:DeferredCreditsAndOtherLiabilitiesNoncurrent", "unitRef": "U_USD", "xsiNil": "false", "lang": null, "decimals": "-6", "ancestors": ["span", "p", "td", "tr", "table", "body", "html"], "reportCount": 1, "baseRef": "aa-20240630.htm", "first": true }, "uniqueAnchor": { "contextRef": "C_4f120c82-a530-411c-a022-053bb068cd08", "name": "aa:IncomeTaxPayablePossibleUnrecordedAssessedAmountFromTaxingAuthority", "unitRef": "U_USD", "xsiNil": "false", "lang": null, "decimals": "-6", "ancestors": ["span", "p", "us-gaap:CommitmentsAndContingenciesDisclosureTextBlock", "div", "body", "html"], "reportCount": 1, "baseRef": "aa-20240630.htm", "unique": true } }, "R73": { "role": "http://www.alcoa.com/20240630/taxonomy/role/DisclosureContingenciesChangesInCarryingValueOfRecordedEnvironmentalRemediationReservesDetail", "longName": "996155 - Disclosure - Contingencies - Changes in Carrying Value of Recorded Environmental Remediation Reserves (Detail)", "shortName": "Contingencies - Changes in Carrying Value of Recorded Environmental Remediation Reserves (Detail)", "isDefault": "false", "groupType": "disclosure", "subGroupType": "details", "menuCat": "Details", "order": "73", "firstAnchor": { "contextRef": "C_c57a1075-0a08-4f1f-ace1-d22d2279b830", "name": "us-gaap:AccrualForEnvironmentalLossContingencies", "unitRef": "U_USD",

"xsiNil": "false", "lang": null, "decimals": "-6", "ancestors": ["span", "p", "td", "tr", "table", "ix:continuation", "div", "us-gaap:CommitmentsAndContingenciesDisclosureTextBlock", "div", "body", "html"], "reportCount": 1, "baseRef": "aa-20240630.htm", "first": true }, "uniqueAnchor": { "contextRef": "C_6f7ee01e-5c7b-4907-9fe3-d2aa3c6bc1c7", "name": "aa:AccrualForEnvironmentalLossContingenciesForeignCurrencyTranslationGainLossAndOther", "unitRef": "U_USD", "xsiNil": "false", "lang": null, "decimals": "-6", "ancestors": ["span", "p", "td", "tr", "table", "ix:continuation", "div", "us-gaap:CommitmentsAndContingenciesDisclosureTextBlock", "div", "body", "html"], "reportCount": 1, "baseRef": "aa-20240630.htm", "unique": true } }, "R74": { "role": "http://www.alcoa.com/20240630/taxonomy/role/DisclosureContingenciesEstimateTimingOfCashOutflowsOnEnvironmentalReservesDetail", "longName": "996165 - Disclosure - Contingencies - Estimate Timing of Cash Outflows on Environmental Reserves (Detail)", "shortName": "Contingencies - Estimate Timing of Cash Outflows on Environmental Reserves (Detail)", "isDefault": "false", "groupType": "disclosure", "subGroupType": "details", "menuCat": "Details", "order": "74", "firstAnchor": { "contextRef": "C_0d0be570-2df9-49c0-b8c4-2d9dd08041f4", "name": "us-gaap:AccrualForEnvironmentalLossContingenciesUndiscountedDueInRemainderOfFiscalYear", "unitRef": "U_USD", "xsiNil": "false", "lang": null, "decimals": "-6", "ancestors": ["span", "p", "td", "tr", "table", "aa:ScheduleOfEstimateTimingOfCashOutflowsOnEnvironmentalReservesTableTextBlock", "div", "us-gaap:CommitmentsAndContingenciesDisclosureTextBlock", "div", "body", "html"], "reportCount": 1, "baseRef": "aa-20240630.htm", "first": true, "unique": true }, "uniqueAnchor": { "contextRef": "C_0d0be570-2df9-49c0-b8c4-2d9dd08041f4", "name": "us-gaap:AccrualForEnvironmentalLossContingenciesUndiscountedDueInRemainderOfFiscalYear", "unitRef": "U_USD", "xsiNil": "false", "lang": null, "decimals": "-6", "ancestors": ["span", "p", "td", "tr", "table", "aa:ScheduleOfEstimateTimingOfCashOutflowsOnEnvironmentalReservesTableTextBlock", "div", "us-gaap:CommitmentsAndContingenciesDisclosureTextBlock", "div", "body", "html"], "reportCount": 1, "baseRef": "aa-20240630.htm", "first": true, "unique": true } }, "R75": { "role": "http://www.alcoa.com/20240630/taxonomy/role/DisclosureOtherFinancialInformationScheduleOfOtherIncomeExpensesNetDetail", "longName": "996175 - Disclosure - Other Financial Information - Schedule of Other (Income) Expenses, Net (Detail)", "shortName": "Other Financial Information - Schedule of Other (Income) Expenses, Net (Detail)", "isDefault": "false", "groupType": "disclosure", "subGroupType": "details", "menuCat": "Details", "order": "75", "firstAnchor": { "contextRef": "C_213b37c7-e8f8-488e-82c9-f4fb68b82b31", "name": "aa:IncomeLossFromEquityMethodInvestmentsNonoperating", "unitRef": "U_USD", "xsiNil": "false", "lang": null, "decimals": "-6", "ancestors": ["span", "p", "td", "tr", "table", "us-gaap:ScheduleOfOtherNonoperatingIncomeExpenseTableTextBlock", "div", "us-gaap:AdditionalFinancialInformationDisclosureTextBlock", "div", "body", "html"], "reportCount": 1, "baseRef": "aa-20240630.htm", "first": true, "unique": true }, "uniqueAnchor": { "contextRef": "C_213b37c7-e8f8-488e-82c9-f4fb68b82b31", "name": "aa:IncomeLossFromEquityMethodInvestmentsNonoperating", "unitRef": "U_USD", "xsiNil": "false", "lang": null, "decimals": "-6", "ancestors": ["span", "p", "td", "tr", "table", "us-gaap:ScheduleOfOtherNonoperatingIncomeExpenseTableTextBlock", "div", "us-gaap:AdditionalFinancialInformationDisclosureTextBlock", "div", "body", "html"], "reportCount": 1, "baseRef": "aa-20240630.htm", "first": true, "unique": true } }, "R76": { "role": "http://www.alcoa.com/20240630/taxonomy/role/DisclosureOtherFinancialInformationScheduleOfOtherNoncurrentAssetsDetail", "longName": "996185 - Disclosure - Other Financial Information - Schedule of Other Noncurrent Assets (Detail)", "shortName": "Other Financial Information - Schedule of Other Noncurrent Assets (Detail)", "isDefault": "false", "groupType": "disclosure", "subGroupType": "details", "menuCat": "Details", "order": "76", "firstAnchor": { "contextRef": "C_0d0be570-2df9-49c0-b8c4-2d9dd08041f4", "name": "aa:PrepaidGasTransmissionContract", "unitRef": "U_USD", "xsiNil": "false", "lang": null, "decimals": "-6", "ancestors": ["span", "p", "td", "tr", "table", "us-gaap:ScheduleOfOtherAssetsNoncurrentTextBlock", "div", "us-gaap:AdditionalFinancialInformationDisclosureTextBlock", "div", "body", "html"], "reportCount": 1, "baseRef": "aa-20240630.htm", "first": true, "unique": true }, "uniqueAnchor": { "contextRef": "C_0d0be570-2df9-49c0-b8c4-2d9dd08041f4", "name": "aa:PrepaidGasTransmissionContract", "unitRef": "U_USD", "xsiNil": "false", "lang": null, "decimals": "-6", "ancestors": ["span", "p", "td", "tr", "table", "us-gaap:ScheduleOfOtherAssetsNoncurrentTextBlock", "div", "us-gaap:AdditionalFinancialInformationDisclosureTextBlock", "div", "body", "html"], "reportCount": 1, "baseRef": "aa-20240630.htm", "first": true, "unique": true } }, "R77": { "role": "http://www.alcoa.com/20240630/taxonomy/role/DisclosureOtherFinancialInformationScheduleOfCashAndCashEquivalentsAndRestrictedCashDetail", "longName": "996205 - Disclosure - Other Financial Information - Schedule of Cash and Cash Equivalents and Restricted Cash (Detail)", "shortName": "Other Financial Information - Schedule of Cash and Cash Equivalents and Restricted Cash (Detail)", "isDefault": "false", "groupType": "disclosure", "subGroupType": "details", "menuCat": "Details", "order": "77", "firstAnchor": { "contextRef": "C_0d0be570-2df9-49c0-b8c4-2d9dd08041f4", "name": "us-gaap:CashAndCashEquivalentsAtCarryingValue", "unitRef": "U_USD", "xsiNil": "false", "lang": null, "decimals": "-6", "ancestors": ["span", "p", "td", "tr", "table", "body", "html"], "reportCount": 1, "baseRef": "aa-20240630.htm", "first": true }, "uniqueAnchor": { "contextRef": "C_0d0be570-2df9-49c0-b8c4-2d9dd08041f4", "name": "us-gaap:RestrictedCashAndCashEquivalentsAtCarryingValue", "unitRef": "U_USD", "xsiNil": "false", "lang": null, "decimals": "-6", "ancestors": ["span", "p", "td", "tr", "table", "aa:ScheduleOfCashAndCashEquivalentsAndRestrictedCashTableTextBlock", "div", "us-gaap:AdditionalFinancialInformationDisclosureTextBlock", "div", "body", "html"], "reportCount": 1, "baseRef": "aa-20240630.htm", "unique": true } }, "R78": { "role": "http://www.alcoa.com/20240630/taxonomy/role/DisclosureSupplierFinanceProgramsAdditionalInformationDetail", "longName": "996215 - Disclosure - Supplier Finance Programs - Additional Information (Detail)", "shortName": "Supplier Finance Programs - Additional Information (Detail)", "isDefault": "false", "groupType": "disclosure", "subGroupType": "details", "menuCat": "Details", "order": "78", "firstAnchor": { "contextRef": "C_0d0be570-2df9-49c0-b8c4-2d9dd08041f4", "name": "aa:SupplierInvoicesOutstanding", "unitRef": "U_USD", "xsiNil": "false", "lang": null, "decimals": "-6", "ancestors": ["span", "p", "aa:SupplierFinanceProgramsTextBlock", "div", "body", "html"], "reportCount": 1, "baseRef": "aa-20240630.htm", "first": true, "unique": true }, "uniqueAnchor": { "contextRef": "C_0d0be570-2df9-49c0-b8c4-2d9dd08041f4", "name": "aa:SupplierInvoicesOutstanding", "unitRef": "U_USD", "xsiNil": "false", "lang": null, "decimals": "-6", "ancestors": ["span", "p", "aa:SupplierFinanceProgramsTextBlock", "div", "body", "html"], "reportCount": 1, "baseRef": "aa-20240630.htm", "first": true, "unique": true } }, "R79": { "role": "http://www.alcoa.com/20240630/taxonomy/role/DisclosureSubsequentEventsAdditionalInformationDetails", "longName": "996225 - Disclosure - Subsequent Events - Additional Information (Details)", "shortName": "Subsequent Events - Additional Information (Details)", "isDefault": "false", "groupType": "disclosure", "subGroupType": "details", "menuCat": "Details", "order": "79", "firstAnchor": { "contextRef": "C_4ca36742-34d2-4f34-b626-d87bf993a5d8", "name": "us-gaap:DividendsPayableDateDeclaredDayMonthAndYear", "unitRef": null, "xsiNil": "false", "lang": "en-US", "decimals": null, "ancestors": ["span", "p", "us-gaap:SubsequentEventsTextBlock", "div", "body", "html"], "reportCount": 1, "baseRef": "aa-20240630.htm", "first": true, "unique": true }, "uniqueAnchor": { "contextRef": "C_4ca36742-34d2-4f34-b626-d87bf993a5d8", "name": "us-gaap:DividendsPayableDateDeclaredDayMonthAndYear", "unitRef": null, "xsiNil": "false", "lang": "en-US", "decimals": null, "ancestors": ["span", "p", "us-gaap:SubsequentEventsTextBlock", "div", "body", "html"], "reportCount": 1, "baseRef": "aa-20240630.htm", "first": true, "unique": true } } }, "tag": { "country_AU": { "xbrltype": "domainItemType", "nsuri": "http://xbrl.sec.gov/country/2024", "localname": "AU", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureDerivativesAndOtherFinancialInstrumentsAdditionalInformationDetail", "http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureRestructuringAndOtherChargesNetAdditionalInformationDetail"], "lang": { "en-us": { "role": { "terseLabel": "U.S. dollar Aluminum Sales, Australia [Member]", "label": "AUSTRALIA", "verboseLabel": "Australia [Member]" } }, "auth_ref": [] }, "us-gaap_AccountsNotesAndLoansReceivableLineItems": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "AccountsNotesAndLoansReceivableLineItems", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/DisclosureReceivablesAdditionalInformationDetail"], "lang": { "en-us": { "role": { "label": "Accounts, Notes, Loans and Financing Receivable [Line Items]", "documentation": "Line items represent financial concepts included in a table. These concepts are used to disclose reportable information associated with domain members defined in one or many axes to the table." } }, "auth_ref": ["r319", "r1260"] }, "us-gaap_AccountsNotesLoansAndFinancingReceivablesByLegalEntityOfCounterpartyTypeAxis": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "AccountsNotesLoansAndFinancingReceivablesByLegalEntityOfCounterpartyTypeAxis", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureDerivativesAndOtherFinancialInstrumentsScheduleOfQuantitativeInformationForLevel3DerivativeContractsDetail"], "lang": { "en-us": { "role": { "label": "Legal Entity of Counterparty, Type [Axis]", "documentation": "Information by legal entity of counterparty. A counterparty is the other party that participates in a financial transaction." } }, "auth_ref": ["r109", "r115"] }, "us-gaap_AccountsPayableCurrent": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "AccountsPayableCurrent", "crdr": "credit", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/Role_StatementConsolidatedBalanceSheetUnaudited"], "lang": { "en-us": { "role": { "totalLabel": "Accounts Payable, Current, Total", "terseLabel": "Accounts payable, trade", "label": "Accounts Payable, Current", "documentation": "Carrying value as of the balance sheet date of liabilities incurred (and for which invoices have typically been received) and payable to vendors for goods and services received that are used in an entity's business. Used to reflect the current portion of the liabilities (due within one year or within the normal operating cycle if longer)." } }, "auth_ref": ["r96", "r1081"] }, "us-gaap_AccountsPayableMember": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "AccountsPayableMember", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/DisclosureReceivablesAdditionalInformationDetail"], "lang": { "en-us": { "role": { "label": "Accounts Payable [Member]", "documentation": "Obligations incurred and payable to vendors for goods and services received." } }, "auth_ref": ["r98"] }, "us-gaap_AccountsReceivableNetCurrent": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "AccountsReceivableNetCurrent", "crdr": "debit", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/Role_StatementConsolidatedBalanceSheetUnaudited"], "lang": { "en-us": { "role": { "terseLabel": "Receivables from customers (1)", "totalLabel": "Accounts Receivable, after Allowance for Credit Loss, Current, Total", "label": "Accounts Receivable, after Allowance for Credit Loss, Current", "documentation": "Amount, after allowance for credit loss, of right to consideration from customer for product sold and service rendered in normal course of business, classified as current." } }, "auth_ref": ["r1259"] }, "aa_AccrualEnvironmentalLossActiveRemediationForSignificantIndividualSites": { "xbrltype": "monetaryItemType", "nsuri": "http://www.alcoa.com/20240630", "localname": "AccrualEnvironmentalLossActiveRemediationForSignificantIndividualSites", "crdr": "credit", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/DisclosureContingenciesAdditionalInformationDetail"], "lang": { "en-us": { "role": { "terseLabel": "Active or future remediation for significant sites", "label": "Accrual Environmental Loss Active Remediation Future Remediation For Significant Individual Sites", "documentation": "Accrual environmental loss active remediation future remediation for significant individual sites." } }, "auth_ref": [] }, "us-gaap_AccrualForEnvironmentalLossContingencies": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "AccrualForEnvironmentalLossContingencies", "crdr": "credit", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/DisclosureContingenciesAdditionalInformationDetail", "http://www.alcoa.com/20240630/taxonomy/role/DisclosureContingenciesChangesInCarryingValueOfRecordedEnvironmentalRemediationReservesDetail", "http://www.alcoa.com/20240630/taxonomy/role/DisclosureContingenciesEstimateTimingOfCashOutflowsOnEnvironmentalReservesDetail"], "lang": { "en-us": { "role": { "verboseLabel": "Accrued environmental reserves", "totalLabel": "Total", "periodStartLabel": "Beginning balance", "periodEndLabel": "Ending balance", "label": "Accrual for Environmental Loss Contingencies", "documentation": "Total costs accrued as of the balance sheet date for environmental loss contingencies." } }, "auth_ref": ["r434", "r1034", "r1200", "r1201", "r1286", "r1291"] }, "us-gaap_AccrualForEnvironmentalLossContingenciesChargesToExpenseForNewLosses": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "AccrualForEnvironmentalLossContingenciesChargesToExpenseForNewLosses", "crdr": "debit", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/DisclosureContingenciesAdditionalInformationDetail", "http://www.alcoa.com/20240630/taxonomy/role/DisclosureContingenciesChangesInCarryingValueOfRecordedEnvironmentalRemediationReservesDetail"], "lang": { "en-us": { "role": { "verboseLabel": "Liabilities incurred", "terseLabel": "Liabilities incurred", "label": "Accrual for Environmental Loss Contingencies, Charges to Expense for New Losses", "documentation": "Amount of expense for newly incurred environmental loss contingencies. Includes, but is not limited to, remediation expense and interest accretion." } }, "auth_ref": ["r1295"] }, "aa_AccrualForEnvironmentalLossContingenciesForeignCurrencyTranslationGainLossAndOther": { "xbrltype": "monetaryItemType", "nsuri": "http://www.alcoa.com/20240630", "localname": "AccrualForEnvironmentalLossContingenciesForeignCurrencyTranslationGainLossAndOther", "crdr": "credit", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/DisclosureContingenciesChangesInCarryingValueOfRecordedEnvironmentalRemediationReservesDetail"], "lang": { "en-us": { "role": { "terseLabel": "Foreign currency translation and other", "label": "Accrual For Environmental Loss Contingencies Foreign Currency Translation Gain Loss And Other", "documentation": "Accrual for environmental loss contingencies foreign currency translation gain (loss) and other." } }, "auth_ref": [] }, "us-gaap_AccrualForEnvironmentalLossContingenciesIncreaseDecreaseForRevisionInEstimates": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "AccrualForEnvironmentalLossContingenciesIncreaseDecreaseForRevisionInEstimates", "crdr": "debit", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/DisclosureContingenciesAdditionalInformationDetail", "http://www.alcoa.com/20240630/taxonomy/role/DisclosureContingenciesChangesInCarryingValueOfRecordedEnvironmentalRemediationReservesDetail"], "lang": { "en-us": { "role": { "negatedLabel": "Reversals of previously recorded liabilities", "verboseLabel": "Reversals of previously recorded liabilities", "label": "Accrual for Environmental Loss Contingencies, Revision in Estimates", "documentation": "Amount of expense (reversal of expense) which increases (decreases) the accrual for environmental loss contingencies from revisions in estimates to existing obligations. Excludes changes related to business acquisitions, divestitures, or currency movement." } }, "auth_ref": ["r1295"] }, "us-gaap_AccrualForEnvironmentalLossContingenciesPayments1": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "AccrualForEnvironmentalLossContingenciesPayments1", "crdr": "credit", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/DisclosureContingenciesAdditionalInformationDetail", "http://www.alcoa.com/20240630/taxonomy/role/DisclosureContingenciesChangesInCarryingValueOfRecordedEnvironmentalRemediationReservesDetail"], "lang": { "en-us": {

"role": { "negatedLabel": "Cash payments", "terseLabel": "Payments against the reserve", "label": "Accrual for Environmental Loss Contingencies, Payments", "documentation": "Amount of cash outflow to settle environmental loss contingencies." } } }, "auth_ref": ["r1233", "r1295"] }, "us-gaap_AccrualForEnvironmentalLossContingenciesUndiscountedDueAfterFifthYear": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "AccrualForEnvironmentalLossContingenciesUndiscountedDueAfterFifthYear", "crdr": "credit", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/DisclosureContingenciesEstimateTimingOfCashOutflowsOnEnvironmentalReservesDetail"], "lang": { "en-us": { "role": { "terseLabel": "Thereafter", "label": "Accrual for Environmental Loss Contingency, Undiscounted, to be Paid, after Year Five", "documentation": "Undiscounted amount of accrual for environmental loss contingency to be paid after fifth fiscal year following current fiscal year. Excludes interim and annual periods when interim periods are reported from current statement of financial position date (rolling approach)." } } }, "auth_ref": ["r434", "r1286"] }, "us-gaap_AccrualForEnvironmentalLossContingenciesUndiscountedDueInRemainderOfFiscalYear": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "AccrualForEnvironmentalLossContingenciesUndiscountedDueInRemainderOfFiscalYear", "crdr": "credit", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/DisclosureContingenciesEstimateTimingOfCashOutflowsOnEnvironmentalReservesDetail"], "lang": { "en-us": { "role": { "terseLabel": "2024 (excluding the six months ended June 30, 2024)", "label": "Accrual for Environmental Loss Contingency, Undiscounted, to be Paid, Remainder of Fiscal Year", "documentation": "Undiscounted amount of accrual for environmental loss contingency to be paid in remainder of current fiscal year. Excludes interim and annual periods when interim periods are reported from current statement of financial position date (rolling approach)." } } }, "auth_ref": ["r1286", "r1295"] }, "aa_AccrualForEnvironmentalLossContingenciesUndiscountedOneToFiveYear": { "xbrltype": "monetaryItemType", "nsuri": "http://www.alcoa.com/20240630", "localname": "AccrualForEnvironmentalLossContingenciesUndiscountedOneToFiveYear", "crdr": "credit", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/DisclosureContingenciesEstimateTimingOfCashOutflowsOnEnvironmentalReservesDetail"], "lang": { "en-us": { "role": { "terseLabel": "2025 - 2029", "label": "Accrual For Environmental Loss Contingencies Undiscounted One To Five Year", "documentation": "Accrual for environmental loss contingencies undiscounted one to five year." } } }, "auth_ref": [] }, "us-gaap_AccruedEnvironmentalLossContingenciesCurrent": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "AccruedEnvironmentalLossContingenciesCurrent", "crdr": "credit", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/DisclosureContingenciesAdditionalInformationDetail"], "lang": { "en-us": { "role": { "terseLabel": "Environmental remediation reserve balance, current", "label": "Accrued Environmental Loss Contingencies, Current", "documentation": "Carrying value of the obligation (known or estimated) arising from requirements to perform activities to remediate one or more sites, payable in twelve months or in the next operating cycle if longer." } } }, "auth_ref": ["r99", "r1033", "r1285", "r1286", "r1291"] }, "us-gaap_AccruedEnvironmentalLossContingenciesNoncurrent": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "AccruedEnvironmentalLossContingenciesNoncurrent", "crdr": "credit", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/Role_StatementConsolidatedBalanceSheetUnaudited"], "lang": { "en-us": { "role": { "label": "Environmental remediation (O)", "terseLabel": "Environmental remediation (O)", "documentation": "Carrying value of the obligation (known or estimated) arising from requirements to perform activities to remediate one or more sites, payable after twelve months or beyond the next operating cycle if longer." } } }, "auth_ref": ["r104", "r1285", "r1286", "r1291"] }, "us-gaap_AccruedIncomeTaxesNoncurrent": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "AccruedIncomeTaxesNoncurrent", "crdr": "credit", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/Role_StatementConsolidatedBalanceSheetUnaudited"], "lang": { "en-us": { "role": { "terseLabel": "Noncurrent income taxes", "label": "Accrued Income Taxes, Noncurrent", "documentation": "Carrying amount as of the balance sheet date of the unpaid sum of the known and estimated amounts payable to satisfy all domestic and foreign income tax obligations due beyond one year or the operating cycle, whichever is longer. Alternate captions include income taxes payable, noncurrent." } } }, "auth_ref": ["r104", "r158"] }, "us-gaap_AccumulatedDepreciationDepletionAndAmortizationPropertyPlantAndEquipment": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "AccumulatedDepreciationDepletionAndAmortizationPropertyPlantAndEquipment", "crdr": "credit", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/Role_StatementConsolidatedBalanceSheetUnaudited"], "lang": { "en-us": { "role": { "periodEndLabel": "Accumulated Depreciation, Depletion and Amortization, Property, Plant, and Equipment, Ending Balance", "periodStartLabel": "Accumulated Depreciation, Depletion and Amortization, Property, Plant, and Equipment, Beginning Balance", "totalLabel": "Accumulated Depreciation, Depletion and Amortization, Property, Plant, and Equipment, Total", "terseLabel": "Less: accumulated depreciation, depletion, and amortization", "label": "Accumulated Depreciation, Depletion and Amortization, Property, Plant, and Equipment", "documentation": "Amount of accumulated depreciation, depletion and amortization for physical assets used in the normal conduct of business to produce goods and services." } } }, "auth_ref": ["r49", "r193", "r831"] }, "us-gaap_AccumulatedOtherComprehensiveIncomeLossDefinedBenefitPensionAndOtherPostretirementPlansNetOfTax": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "AccumulatedOtherComprehensiveIncomeLossDefinedBenefitPensionAndOtherPostretirementPlansNetOfTax", "crdr": "debit", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureAccumulatedOtherComprehensiveLossSummaryOfChangesInAccumulatedOtherComprehensiveLossIncomeByCo], "lang": { "en-us": { "role": { "totalLabel": "Accumulated Other Comprehensive (Income) Loss, Defined Benefit Plan, after Tax, Total", "negatedPeriodStartLabel": "Balance at beginning of period", "negatedPeriodEndLabel": "Balance at end of period", "label": "Accumulated Other Comprehensive (Income) Loss, Defined Benefit Plan, after Tax", "documentation": "Amount, after tax, of accumulated other comprehensive (income) loss for defined benefit plan, that has not been recognized in net periodic benefit cost (credit)." } } }, "auth_ref": ["r5", "r6", "r30", "r120", "r1347"] }, "us-gaap_AccumulatedOtherComprehensiveIncomeLossForeignCurrencyTranslationAdjustmentNetOfTax": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "AccumulatedOtherComprehensiveIncomeLossForeignCurrencyTranslationAdjustmentNetOfTax", "crdr": "credit", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureAccumulatedOtherComprehensiveLossSummaryOfChangesInAccumulatedOtherComprehensiveLossIncomeByCo], "lang": { "en-us": { "role": { "periodStartLabel": "Balance at beginning of period", "periodEndLabel": "Balance at end of period", "label": "Accumulated Other Comprehensive Income (Loss), Foreign Currency Translation Adjustment, Net of Tax", "documentation": "Accumulated adjustment, net of tax, that results from the process of translating subsidiary financial statements and foreign equity investments into the reporting currency from the functional currency of the reporting entity, net of reclassification of realized foreign currency translation gains or losses." } } }, "auth_ref": ["r206", "r208", "r210", "r211", "r704"] }, "us-gaap_AccumulatedOtherComprehensiveIncomeLossLineItems": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "AccumulatedOtherComprehensiveIncomeLossLineItems", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/DisclosureAccumulatedOtherComprehensiveLossSummaryOfChangesInAccumulatedOtherComprehensiveLossIncomeByCompon "http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureAccumulatedOtherComprehensiveLossSummaryOfChangesInAccumulatedOtherComprehensiveLossIncomeByCo], "lang": { "en-us": { "role": { "terseLabel": "Accumulated Other Comprehensive Income Loss [Line Items]", "label": "Accumulated Other Comprehensive Income (Loss) [Line Items]", "documentation": "Line items represent financial concepts included in a table. These concepts are used to disclose reportable information associated with domain members defined in one or many axes to the table." } } }, "auth_ref": ["r219", "r220", "r712", "r714", "r715", "r716", "r717", "r718"] }, "us-gaap_AccumulatedOtherComprehensiveIncomeLossNetOfTax": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "AccumulatedOtherComprehensiveIncomeLossNetOfTax", "crdr": "credit", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureAccumulatedOtherComprehensiveLossSummaryOfChangesInAccumulatedOtherComprehensiveLossIncomeByCo "http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureDerivativesAndOtherFinancialInstrumentsAdditionalInformationDetail", "http://www.alcoa.com/20240630/taxonomy/role/Role_StatementConsolidatedBalanceSheetUnaudited"], "lang": { "en-us": { "role": { "verboseLabel": "Unrealized gain (loss) in accumulated other comprehensive loss", "totalLabel": "Total Accumulated other comprehensive loss", "terseLabel": "Accumulated other comprehensive loss (G)", "label": "Accumulated Other Comprehensive Income (Loss), Net of Tax", "documentation": "Amount, after tax, of accumulated increase (decrease) in equity from transaction and other event and circumstance from nonowner source." } } }, "auth_ref": ["r29", "r30", "r121", "r200", "r826", "r873", "r876"] }, "us-gaap_AccumulatedOtherComprehensiveIncomeLossNetOfTaxAbstract": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "AccumulatedOtherComprehensiveIncomeLossNetOfTaxAbstract", "lang": { "en-us": { "role": { "label": "Accumulated Other Comprehensive Income (Loss), Net of Tax [Abstract]" } } }, "auth_ref": [] }, "us-gaap_AccumulatedOtherComprehensiveIncomeLossTable": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "AccumulatedOtherComprehensiveIncomeLossTable", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/DisclosureAccumulatedOtherComprehensiveLossSummaryOfChangesInAccumulatedOtherComprehensiveLossIncomeByCompon "http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureAccumulatedOtherComprehensiveLossSummaryOfChangesInAccumulatedOtherComprehensiveLossIncomeByCo], "lang": { "en-us": { "role": { "terseLabel": "Accumulated Other Comprehensive Income Loss [Table]", "label": "Accumulated Other Comprehensive Income (Loss) [Table]", "documentation": "Disclosure of information about components of accumulated other comprehensive income (loss)." } } }, "auth_ref": ["r219", "r220", "r712", "r714", "r715", "r716", "r717", "r718"] }, "us-gaap_AccumulatedOtherComprehensiveIncomeMember": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "AccumulatedOtherComprehensiveIncomeMember", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/Role_StatementStatementOfChangesInConsolidatedEquityUnaudited"], "lang": { "en-us": { "role": { "terseLabel": "Accumulated other comprehensive (loss) income [Member]", "label": "AOCI Attributable to Parent [Member]", "documentation": "Accumulated increase (decrease) in equity from transactions and other events and circumstances from non-owner sources, attributable to the parent. Excludes net income (loss), and accumulated changes in equity from transactions resulting from investments by owners and distributions to owners." } } }, "auth_ref": ["r3", "r19", "r30", "r663", "r666", "r730", "r869", "r870", "r1228", "r1229", "r1230", "r1242", "r1243", "r1244", "r1246"] }, "aa_AcquisitionAndDivestituresDisclosureTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://www.alcoa.com/20240630", "localname": "AcquisitionAndDivestituresDisclosureTextBlock", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/DisclosureAcquisitionsAndDivestitures1"], "lang": { "en-us": { "role": { "terseLabel": "Acquisition and Divestitures", "label": "Acquisition And Divestitures Disclosure [Text Block]", "documentation": "Acquisition and divestitures." } } }, "auth_ref": [] }, "ecd_Additional402vDisclosureTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://xbrl.sec.gov/ecd/2024", "localname": "Additional402vDisclosureTextBlock", "presentation": ["http://xbrl.sec.gov/ecd/role/PvpDisclosure"], "lang": { "en-us": { "role": { "label": "Additional 402(v) Disclosure [Text Block]", "terseLabel": "Additional 402(v) Disclosure" } } }, "auth_ref": ["r1149"] }, "aa_AdditionalCashToBeReceivedUponSatisfyingPostClosingConditions": { "xbrltype": "monetaryItemType", "nsuri": "http://www.alcoa.com/20240630", "localname": "AdditionalCashToBeReceivedUponSatisfyingPostClosingConditions", "crdr": "credit", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureInvestmentsAdditionalInformationDetail"], "lang": { "en-us": { "role": { "terseLabel": "Additional cash to be received upon satisfying post closing conditions", "label": "Additional Cash To Be Received Upon Satisfying Post Closing Conditions", "documentation": "Additional cash to be received upon satisfying post closing conditions." } } }, "auth_ref": [] }, "aa_AdditionalCommitmentsForCapitalImprovementsBetweenYearTwoAndThree": { "xbrltype": "monetaryItemType", "nsuri": "http://www.alcoa.com/20240630", "localname": "AdditionalCommitmentsForCapitalImprovementsBetweenYearTwoAndThree", "crdr": "credit", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/DisclosureRestructuringAndOtherChargesNetAdditionalInformationDetail"], "lang": { "en-us": { "role": { "terseLabel": "Additional commitment for capital improvements spent between 2024 and 2025", "label": "Additional Commitments for Capital Improvements Between Year Two And Three", "documentation": "Additional commitments for capital improvements between year two and three." } } }, "auth_ref": [] }, "aa_AdditionalContractCostsMember": { "xbrltype": "domainItemType", "nsuri": "http://www.alcoa.com/20240630", "localname": "AdditionalContractCostsMember", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/DisclosureRestructuringAndOtherChargesNetAdditionalInformationDetail"], "lang": { "en-us": { "role": { "documentation": "Additional contract costs.", "label": "Additional Contract Costs [Member]", "terseLabel": "Contract Termination [Member]" } } }, "auth_ref": [] }, "us-gaap_AdditionalFinancialInformationDisclosureTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "AdditionalFinancialInformationDisclosureTextBlock", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/DisclosureOtherFinancialInformation"], "lang": { "en-us": { "role": { "terseLabel": "Other Financial Information", "label": "Additional Financial Information Disclosure [Text Block]", "documentation": "The entire disclosures of supplemental information, including descriptions and amounts, related to the balance sheet, income statement, and/or cash flow statement." } } }, "auth_ref": [] }, "us-gaap_AdditionalPaidInCapitalCommonStock": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "AdditionalPaidInCapitalCommonStock", "crdr": "credit", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/Role_StatementConsolidatedBalanceSheetUnaudited"], "lang": { "en-us": { "role": { "terseLabel": "Additional capital", "label": "Additional Paid in Capital, Common Stock", "documentation": "Value received from shareholders in common stock-related transactions that are in excess of par or stated value and amounts received from other stock-related transactions. Includes only common stock transactions (excludes preferred stock transactions). May be called contributed capital, capital in excess of par, capital surplus, or paid-in capital." } } }, "auth_ref": ["r110"] }, "us-gaap_AdditionalPaidInCapitalMember": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "AdditionalPaidInCapitalMember", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/Role_StatementStatementOfChangesInConsolidatedEquityUnaudited"], "lang": { "en-us": { "role": { "terseLabel": "Additional Capital [Member]", "label": "Additional Paid-in Capital [Member]", "documentation": "Excess of issue price over par or stated value of the entity's

capital stock and amounts received from other transactions involving the entity's stock or stockholders." } } }, "auth_ref": ["r887", "r1242", "r1243", "r1244", "r1246", "r1379", "r1454"] }, "aa_AdditionsToLongTermDebtIssuedLessIssuanceDiscount": { "xbrltype": "monetaryItemType", "nsuri": "http://www.alcoa.com/20240630", "localname": "AdditionsToLongTermDebtIssuedLessIssuanceDiscount", "crdr": "debit", "presentation": ["http://www.alcoa.com/20240630/role/StatementStatementOfConsolidatedCashFlowsUnaudited"], "lang": { "en-us": { "role": { "terseLabel": "Additions to debt", "label": "Additions To Long Term Debt Issued Less Issuance Discount", "documentation": "Long term debt issued less issuance discount." } } }, "auth_ref": [] }, "aa_AddyWashingtonMember": { "xbrltype": "domainItemType", "nsuri": "http://www.alcoa.com/20240630", "localname": "AddyWashingtonMember", "presentation": ["http://www.alcoa.com/20240630/role/DisclosureContingenciesAdditionalInformationDetail"], "lang": { "en-us": { "role": { "label": "Addy, Washington [Member]", "terseLabel": "Addy Washington [Member]", "documentation": "Addy Washington." } } }, "auth_ref": [] }, "ecd_AdjToCompAmt": { "xbrltype": "monetaryItemType", "nsuri": "http://xbrl.sec.gov/ecd/2024", "localname": "AdjToCompAmt", "presentation": ["http://xbrl.sec.gov/ecd/role/PvpDisclosure"], "lang": { "en-us": { "role": { "label": "Adjustment to Compensation Amount", "terseLabel": "Adjustment to Compensation, Amount" } } }, "auth_ref": ["r1162"] }, "ecd_AdjToCompAxis": { "xbrltype": "stringItemType", "nsuri": "http://xbrl.sec.gov/ecd/2024", "localname": "AdjToCompAxis", "presentation": ["http://xbrl.sec.gov/ecd/role/PvpDisclosure"], "lang": { "en-us": { "role": { "label": "Adjustment to Compensation [Axis]", "terseLabel": "Adjustment to Compensation." } } }, "auth_ref": ["r1162"] }, "ecd_AdjToNonPeoNeoCompFnTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://xbrl.sec.gov/ecd/2024", "localname": "AdjToNonPeoNeoCompFnTextBlock", "presentation": ["http://xbrl.sec.gov/ecd/role/PvpDisclosure"], "lang": { "en-us": { "role": { "label": "Adjustment to Non-PEO NEO Compensation Footnote [Text Block]", "terseLabel": "Adjustment to Non-PEO NEO Compensation Footnote" } } }, "auth_ref": ["r1162"] }, "ecd_AdjToPeoCompFnTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://xbrl.sec.gov/ecd/2024", "localname": "AdjToPeoCompFnTextBlock", "presentation": ["http://xbrl.sec.gov/ecd/role/PvpDisclosure"], "lang": { "en-us": { "role": { "label": "Adjustment To PEO Compensation, Footnote [Text Block]", "terseLabel": "Adjustment To PEO Compensation, Footnote" } } }, "auth_ref": ["r1162"] }, "aa_AdjustedEbitda": { "xbrltype": "monetaryItemType", "nsuri": "http://www.alcoa.com/20240630", "localname": "AdjustedEbitda", "crdr": "credit", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/DisclosureSegmentInformationScheduleOfSegmentAdjustedEbitdaToConsolidatedNetIncomeLossAttributableToAlcoaCorporatio "http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureSegmentInformationScheduleOfOperatingResultsOfAlcoaSReportableSegmentsDetail"], "lang": { "en-us": { "role": { "verboseLabel": "Total Segment Adjusted EBITDA", "terseLabel": "Segment Adjusted EBITDA", "label": "Adjusted Ebitda", "documentation": "Adjusted EBITDA." } } }, "auth_ref": [] }, "us-gaap_AdjustmentsToAdditionalPaidInCapitalSharebasedCompensationRequisiteServicePeriodRecognitionValue": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "AdjustmentsToAdditionalPaidInCapitalSharebasedCompensationRequisiteServicePeriodRecognitionValue", "crdr": "credit", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/Role_StatementStatementOfChangesInConsolidatedEquityUnaudited"], "lang": { "en-us": { "role": { "totalLabel": "APIC, Share-Based Payment Arrangement, Increase for Cost Recognition, Total", "terseLabel": "Stock-based compensation", "label": "APIC, Share-Based Payment Arrangement, Increase for Cost Recognition", "documentation": "Amount of increase to additional paid-in capital (APIC) for recognition of cost for award under share-based payment arrangement." } } }, "auth_ref": ["r63", "r64", "r574"] }, "us-gaap_AdjustmentsToReconcileNetIncomeLossToCashProvidedByUsedInOperatingActivitiesAbstract": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "AdjustmentsToReconcileNetIncomeLossToCashProvidedByUsedInOperatingActivitiesAbstract", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/StatementStatementOfConsolidatedCashFlowsUnaudited"], "lang": { "en-us": { "role": { "terseLabel": "Adjustments to reconcile net loss to cash from operations:", "label": "Adjustments to Reconcile Net Income (Loss) to Cash Provided by (Used in) Operating Activities [Abstract]" } } }, "auth_ref": [] }, "ecd_AggtChngPnsnValInSummryCompstnTblForAplblYrMember": { "xbrltype": "domainItemType", "nsuri": "http://xbrl.sec.gov/ecd/2024", "localname": "AggtChngPnsnValInSummryCompstnTblForAplblYrMember", "presentation": ["http://xbrl.sec.gov/ecd/role/PvpDisclosure"], "lang": { "en-us": { "role": { "label": "Aggregate Change in Present Value of Accumulated Benefit for All Pension Plans Reported in Summary Compensation Table [Member]", "terseLabel": "Aggregate Change in Present Value of Accumulated Benefit for All Pension Plans Reported in Summary Compensation Table" } } }, "auth_ref": ["r1195"] }, "ecd_AggtErrCompAmt": { "xbrltype": "monetaryItemType", "nsuri": "http://xbrl.sec.gov/ecd/2024", "localname": "AggtErrCompAmt", "presentation": ["http://xbrl.sec.gov/ecd/role/ErrCompDisclosure"], "lang": { "en-us": { "role": { "label": "Aggregate Erroneous Compensation Amount", "terseLabel": "Aggregate Erroneous Compensation Amount" } } }, "auth_ref": ["r1121", "r1131", "r1141", "r1173"] }, "ecd_AggtErrCompNotYetDeterminedTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://xbrl.sec.gov/ecd/2024", "localname": "AggtErrCompNotYetDeterminedTextBlock", "presentation": ["http://xbrl.sec.gov/ecd/role/ErrCompDisclosure"], "lang": { "en-us": { "role": { "label": "Aggregate Erroneous Compensation Not Yet Determined [Text Block]", "terseLabel": "Aggregate Erroneous Compensation Not Yet Determined" } } }, "auth_ref": ["r1124", "r1134", "r1144", "r1176"] }, "ecd_AggtPnsnAdjsSvcCstMember": { "xbrltype": "domainItemType", "nsuri": "http://xbrl.sec.gov/ecd/2024", "localname": "AggtPnsnAdjsSvcCstMember", "presentation": ["http://xbrl.sec.gov/ecd/role/PvpDisclosure"], "lang": { "en-us": { "role": { "label": "Aggregate Pension Adjustments Service Cost [Member]", "terseLabel": "Aggregate Pension Adjustments Service Cost" } } }, "auth_ref": ["r1196"] }, "aa_AlcoaCommonStockMember": { "xbrltype": "domainItemType", "nsuri": "http://www.alcoa.com/20240630", "localname": "AlcoaCommonStockMember", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/DisclosureAcquisitionsAndDivestituresAdditionalInformationDetail"], "lang": { "en-us": { "role": { "label": "Alcoa Common Stock [Member]", "documentation": "Alcoa Common Stock [Member]" } } }, "auth_ref": [] }, "aa_AlcoaCorporationMember": { "xbrltype": "domainItemType", "nsuri": "http://www.alcoa.com/20240630", "localname": "AlcoaCorporationMember", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/DisclosureAcquisitionsAndDivestituresAdditionalInformationDetail", "http://www.alcoa.com/20240630/taxonomy/role/DisclosureContingenciesAdditionalInformation1Detail", "http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureBasisOfPresentationAdditionalInformationDetail", "http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureDerivativesAndOtherFinancialInstrumentsScheduleOfQuantitativeInformationForLevel3DerivativeContractsDeta "http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureInvestmentsAdditionalInformationDetail", "http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureInvestmentsSummaryOfUnauditedFinancialInformationForAlcoaCorporationSEquityInvestmentsDetail", "http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureRestructuringAndOtherChargesNetAdditionalInformationDetail"], "lang": { "en-us": { "role": { "terseLabel": "Alcoa Corporation [Member]", "label": "Alcoa Corporation [Member]", "documentation": "Alcoa corporation." } } }, "auth_ref": [] }, "aa_AlcoaNederlandHoldingBVMember": { "xbrltype": "domainItemType", "nsuri": "http://www.alcoa.com/20240630", "localname": "AlcoaNederlandHoldingBVMember", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/DisclosureDebtAdditionalInformationDetail"], "lang": { "en-us": { "role": { "documentation": "Alcoa Nederland holding BV.", "label": "Alcoa Nederland Holding B V [Member]", "terseLabel": "Alcoa Nederland Holding BV [Member]" } } }, "auth_ref": [] }, "aa_AlcoaNonvotingConvertiblePreferredStockMember": { "xbrltype": "domainItemType", "nsuri": "http://www.alcoa.com/20240630", "localname": "AlcoaNonvotingConvertiblePreferredStockMember", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/DisclosureAcquisitionsAndDivestituresAdditionalInformationDetail"], "lang": { "en-us": { "role": { "terseLabel": "New Alcoa Preferred Stock [Member]", "label": "Alcoa Nonvoting Convertible Preferred Stock [Member]", "documentation": "Alcoa Nonvoting Convertible Preferred Stock." } } }, "auth_ref": [] }, "aa_AlcoaOfAustraliaLimitedMember": { "xbrltype": "domainItemType", "nsuri": "http://www.alcoa.com/20240630", "localname": "AlcoaOfAustraliaLimitedMember", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/DisclosureContingenciesAdditionalInformation1Detail"], "lang": { "en-us": { "role": { "terseLabel": "AofA [Member]", "label": "Alcoa Of Australia Limited [Member]", "documentation": "Alcoa of Australia limited." } } }, "auth_ref": [] }, "aa_AlcoaPreferredStockMember": { "xbrltype": "domainItemType", "nsuri": "http://www.alcoa.com/20240630", "localname": "AlcoaPreferredStockMember", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/DisclosureAcquisitionsAndDivestituresAdditionalInformationDetail"], "lang": { "en-us": { "role": { "label": "Alcoa Preferred Stock [Member]", "documentation": "Alcoa Preferred Stock [Member]" } } }, "auth_ref": [] }, "aa_AlcoaWorldAluminaAndChemicalsMember": { "xbrltype": "domainItemType", "nsuri": "http://www.alcoa.com/20240630", "localname": "AlcoaWorldAluminaAndChemicalsMember", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/DisclosureAcquisitionsAndDivestituresAdditionalInformationDetail", "http://www.alcoa.com/20240630/taxonomy/role/DisclosureContingenciesAdditionalInformation1Detail", "http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureBasisOfPresentationAdditionalInformationDetail"], "lang": { "en-us": { "role": { "terseLabel": "AWAC [Member]", "label": "Alcoa World Alumina And Chemicals [Member]", "documentation": "Alcoa world alumina and chemicals." } } }, "auth_ref": [] }, "aa_AlcoaWorldAluminaBrasilMember": { "xbrltype": "domainItemType", "nsuri": "http://www.alcoa.com/20240630", "localname": "AlcoaWorldAluminaBrasilMember", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/DisclosureContingenciesAdditionalInformation1Detail"], "lang": { "en-us": { "role": { "terseLabel": "Alcoa World Alumina Brasil [Member]", "label": "Alcoa World Alumina Brasil [Member]", "documentation": "Alcoa World Alumina Brasil (AWAB).", "verboseLabel": "AWAB [Member]" } } }, "auth_ref": [] }, "ecd_AllAdjToCompMember": { "xbrltype": "domainItemType", "nsuri": "http://xbrl.sec.gov/ecd/2024", "localname": "AllAdjToCompMember", "presentation": ["http://xbrl.sec.gov/ecd/role/PvpDisclosure"], "lang": { "en-us": { "role": { "label": "All Adjustments to Compensation [Member]", "terseLabel": "All Adjustments to Compensation" } } }, "auth_ref": ["r1162"] }, "currency_AllCurrenciesDomain": { "xbrltype": "domainItemType", "nsuri": "http://xbrl.sec.gov/currency/2024", "localname": "AllCurrenciesDomain", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureDerivativesAndOtherFinancialInstrumentsAdditionalInformationDetail"], "lang": { "en-us": { "role": { "label": "All Currencies [Domain]" } } }, "auth_ref": [] }, "ecd_AllExecutiveCategoriesMember": { "xbrltype": "domainItemType", "nsuri": "http://xbrl.sec.gov/ecd/2024", "localname": "AllExecutiveCategoriesMember", "presentation": ["http://xbrl.sec.gov/ecd/role/PvpDisclosure"], "lang": { "en-us": { "role": { "label": "All Executive Categories [Member]", "terseLabel": "All Executive Categories" } } }, "auth_ref": ["r1169"] }, "ecd_AllIndividualsMember": { "xbrltype": "domainItemType", "nsuri": "http://xbrl.sec.gov/ecd/2024", "localname": "AllIndividualsMember", "presentation": ["http://xbrl.sec.gov/ecd/role/AwardTimingDisclosure", "http://xbrl.sec.gov/ecd/role/ErrCompDisclosure", "http://xbrl.sec.gov/ecd/role/InsiderTradingArrangements", "http://xbrl.sec.gov/ecd/role/PvpDisclosure"], "lang": { "en-us": { "role": { "label": "All Individuals [Member]", "terseLabel": "All Individuals" } } }, "auth_ref": ["r1125", "r1135", "r1145", "r1169", "r1177", "r1181", "r1189"] }, "ecd_AllTradingArrangementsMember": { "xbrltype": "domainItemType", "nsuri": "http://xbrl.sec.gov/ecd/2024", "localname": "AllTradingArrangementsMember", "presentation": ["http://xbrl.sec.gov/ecd/role/InsiderTradingArrangements"], "lang": { "en-us": { "role": { "label": "All Trading Arrangements [Member]", "terseLabel": "All Trading Arrangements" } } }, "auth_ref": ["r1187"] }, "aa_AluminaLimitedMember": { "xbrltype": "domainItemType", "nsuri": "http://www.alcoa.com/20240630", "localname": "AluminaLimitedMember", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/DisclosureAcquisitionsAndDivestituresAdditionalInformationDetail", "http://www.alcoa.com/20240630/taxonomy/role/DisclosureContingenciesAdditionalInformation1Detail", "http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureBasisOfPresentationAdditionalInformationDetail"], "lang": { "en-us": { "role": { "terseLabel": "Alumina Limited [Member]", "label": "Alumina Limited [Member]", "documentation": "Alumina limited." } } }, "auth_ref": [] }, "aa_AluminaLimitedRevolvingCreditFacilityMember": { "xbrltype": "domainItemType", "nsuri": "http://www.alcoa.com/20240630", "localname": "AluminaLimitedRevolvingCreditFacilityMember", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/DisclosureDebtAdditionalInformationDetail"], "lang": { "en-us": { "role": { "terseLabel": "Alumina Limited Revolving Credit Facility [Member]", "label": "Alumina Limited Revolving Credit Facility [Member]", "documentation": "Alumina limited revolving credit facility." } } }, "auth_ref": [] }, "aa_AluminaMember": { "xbrltype": "domainItemType", "nsuri": "http://www.alcoa.com/20240630", "localname": "AluminaMember", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/DisclosureGoodwillAdditionalInformationDetails", "http://www.alcoa.com/20240630/taxonomy/role/DisclosureGoodwillSummaryOfGoodwillWhichIsIncludedInOtherNoncurrentAssetsDetail", "http://www.alcoa.com/20240630/taxonomy/role/DisclosureGoodwillSummaryOfGoodwillWhichIsIncludedInOtherNoncurrentAssetsParentheticalDetail", "http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureRestructuringAndOtherChargesNetScheduleOfRestructuringAndOtherChargesNetByReportableSegmentsPretax "http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureSegmentInformationScheduleOfOperatingResultsOfAlcoaSReportableSegmentsDetail", "http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureSegmentInformationScheduleOfSalesByProductDivisionDetail"], "lang": { "en-us": { "role": { "terseLabel": "Alumina [Member]", "label": "Alumina [Member]", "documentation": "Alumina." } } }, "auth_ref": [] }, "aa_AluminumContractsMember": { "xbrltype": "domainItemType", "nsuri": "http://www.alcoa.com/20240630", "localname": "AluminumContractsMember", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureAccumulatedOtherComprehensiveLossSummaryOfChangesInAccumulatedOtherComprehensiveLossIncomeByCo], "lang": { "en-us": { "role": { "terseLabel": "Aluminum Contracts [Member]", "label": "Aluminum Contracts [Member]", "documentation": "Aluminum contracts." } } }, "auth_ref": [] }, "aa_AluminumForecastedSalesDesignatedAsFairValueHedgesInKiloMetricTon": { "xbrltype": "massItemType", "nsuri": "http://www.alcoa.com/20240630", "localname": "AluminumForecastedSalesDesignatedAsFairValueHedgesInKiloMetricTon", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureDerivativesAndOtherFinancialInstrumentsAdditionalInformationDetail"], "lang": { "en-us": { "role": { "terseLabel": "Aluminum forecast sales", "label": "Aluminum Forecasted Sales Designated As Fair Value Hedges In Kilo Metric Ton", "documentation": "Aluminum forecasted sales designated as fair value hedges in kilo metric ton." } } }, "auth_ref": [] }, "aa_AluminumMember": { "xbrltype": "domainItemType", "nsuri": "http://www.alcoa.com/20240630", "localname": "AluminumMember", "presentation": [

"http://www.alcoa.com/20240630/taxonomy/role/DisclosureGoodwillSummaryOfGoodwillWhichIsIncludedInOtherNoncurrentAssetsDetail",
"http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureSegmentInformationScheduleOfOperatingResultsOfAlcoaSReportableSegmentsDetail",
"http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureSegmentInformationScheduleOfSalesByProductDivisionDetail"], "lang": { "en-us": { "role": { "terseLabel": "Aluminum [Member]", "label": "Aluminum [Member]", "documentation": "Aluminum." } } }, "auth_ref": [] }, "aa_AluminumProductsSegmentMember": { "xbrltype": "domainItemType", "nsuri": "http://www.alcoa.com/20240630", "localname": "AluminumProductsSegmentMember", "presentation": [
"http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureBasisOfPresentationAdditionalInformationDetail",
"http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureRestructuringAndOtherChargesNetScheduleOfRestructuringAndOtherChargesNetByReportableSegmentsPretax], "lang": { "en-us": { "role": { "terseLabel": "Aluminum Segment [Member]", "label": "Aluminum Products Segment [Member]", "documentation": "Aluminum products segment." } } }, "auth_ref": [] }, "dei_AmendmentFlag": { "xbrltype": "booleanItemType", "nsuri": "http://xbrl.sec.gov/dei/2024", "localname": "AmendmentFlag", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/Role_DocumentDocumentAndEntityInformation"], "lang": { "en-us": { "role": { "terseLabel": "Amendment Flag", "label": "Amendment Flag", "documentation": "Boolean flag that is true when the XBRL content amends previously-filed or accepted submission." } } }, "auth_ref": [] }, "aa_AnhbvCreditFacilityMember": { "xbrltype": "domainItemType", "nsuri": "http://www.alcoa.com/20240630", "localname": "AnhbvCreditFacilityMember", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/DisclosureDebtAdditionalInformationDetail"], "lang": { "en-us": { "role": { "label": "ANHBV Credit Facility [Member]", "documentation": "ANHBV credit facility." } } }, "auth_ref": [] }, "aa_AnnualCapacityOfProduction": { "xbrltype": "massItemType", "nsuri": "http://www.alcoa.com/20240630", "localname": "AnnualCapacityOfProduction", "presentation": [
"http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureRestructuringAndOtherChargesNetAdditionalInformationDetail"], "lang": { "en-us": { "role": { "terseLabel": "Annual capacity of production", "label": "Annual Capacity of Production", "documentation": "Annual capacity of production." } } }, "auth_ref": [] }, "us-gaap_AntidilutiveSecuritiesExcludedFromComputationOfEarningsPerShareAmount": { "xbrltype": "sharesItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "AntidilutiveSecuritiesExcludedFromComputationOfEarningsPerShareAmount", "presentation": [
"http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureEarningsPerShareAdditionalInformationDetail"], "lang": { "en-us": { "role": { "terseLabel": "Number of anti-dilutive securities", "label": "Antidilutive Securities Excluded from Computation of Earnings Per Share, Amount", "documentation": "Securities (including those issuable pursuant to contingent stock agreements) that could potentially dilute basic earnings per share (EPS) or earnings per unit (EPU) in the future that were not included in the computation of diluted EPS or EPU because to do so would increase EPS or EPU amounts or decrease loss per share or unit amounts for the period presented." } }, "auth_ref": ["r272"] }, "us-gaap_AntidilutiveSecuritiesExcludedFromComputationOfEarningsPerShareByAntidilutiveSecuritiesAxis": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "AntidilutiveSecuritiesExcludedFromComputationOfEarningsPerShareByAntidilutiveSecuritiesAxis", "presentation": [
"http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureEarningsPerShareAdditionalInformationDetail"], "lang": { "en-us": { "role": { "terseLabel": "Antidilutive Securities", "label": "Antidilutive Securities [Axis]", "documentation": "Information by type of antidilutive security." } } }, "auth_ref": ["r41"] }, "us-gaap_AntidilutiveSecuritiesExcludedFromComputationOfEarningsPerShareLineItems": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "AntidilutiveSecuritiesExcludedFromComputationOfEarningsPerShareLineItems", "presentation": [
"http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureEarningsPerShareAdditionalInformationDetail"], "lang": { "en-us": { "role": { "terseLabel": "Antidilutive Securities Excluded from Computation of Earnings Per Share [Line Items]", "label": "Antidilutive Securities Excluded from Computation of Earnings Per Share [Line Items]", "documentation": "Line items represent financial concepts included in a table. These concepts are used to disclose reportable information associated with domain members defined in one or many axes to the table." } }, "auth_ref": [] }, "us-gaap_AntidilutiveSecuritiesNameDomain": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "AntidilutiveSecuritiesNameDomain", "presentation": [
"http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureEarningsPerShareAdditionalInformationDetail"], "lang": { "en-us": { "role": { "terseLabel": "Antidilutive Securities, Name", "label": "Antidilutive Securities, Name [Domain]", "documentation": "Incremental common shares attributable to securities that were not included in diluted earnings per share (EPS) because to do so would increase EPS amounts or decrease loss per share amounts for the period presented." } }, "auth_ref": ["r41"] }, "us-gaap_AociLossCashFlowHedgeCumulativeGainLossAfterTax": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "AociLossCashFlowHedgeCumulativeGainLossAfterTax", "crdr": "credit", "presentation": [
"http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureAccumulatedOtherComprehensiveLossSummaryOfChangesInAccumulatedOtherComprehensiveLossIncomeByCo], "lang": { "en-us": { "role": { "periodStartLabel": "Balance at beginning of period", "periodEndLabel": "Balance at end of period", "label": "AOCI, Cash Flow Hedge, Cumulative Gain (Loss), after Tax", "documentation": "Amount, after tax, of accumulated gain (loss) on derivative instrument designated and qualifying as cash flow hedge included in assessment of hedge effectiveness." } }, "auth_ref": ["r208"] }, "us-gaap_ArrangementsAndNonarrangementTransactionsMember": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ArrangementsAndNonarrangementTransactionsMember", "presentation": [
"http://www.alcoa.com/20240630/taxonomy/role/DisclosureReceivablesAdditionalInformationDetail"], "lang": { "en-us": { "role": { "label": "Collaborative Arrangement and Arrangement Other than Collaborative [Domain]", "documentation": "Collaborative arrangement and arrangement other than collaborative applicable to revenue-generating activity or operations." } } }, "auth_ref": ["r646"] }, "aa_AssessedIncomeTaxAmountExclusiveOfInterestAndPenalties": { "xbrltype": "monetaryItemType", "nsuri": "http://www.alcoa.com/20240630", "localname": "AssessedIncomeTaxAmountExclusiveOfInterestAndPenalties", "crdr": "credit", "presentation": [
"http://www.alcoa.com/20240630/taxonomy/role/DisclosureContingenciesAdditionalInformation1Detail"], "lang": { "en-us": { "role": { "terseLabel": "Assessed income tax amount exclusive of interest and penalties", "label": "Assessed Income Tax Amount Exclusive Of Interest And Penalties", "documentation": "Assessed income tax amount exclusive of interest and penalties." } } }, "auth_ref": [] }, "us-gaap_AssetImpairmentCharges": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "AssetImpairmentCharges", "crdr": "debit", "presentation": [
"http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureInvestmentsAdditionalInformationDetail",
"http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureRestructuringAndOtherChargesNetAdditionalInformationDetail"], "lang": { "en-us": { "role": { "verboseLabel": "Asset impairments", "totalLabel": "Asset Impairment Charges, Total", "terseLabel": "Asset impairment charges", "label": "Asset Impairment Charges", "documentation": "Amount of write-down of assets recognized in the income statement. Includes, but is not limited to, losses from tangible assets, intangible assets and goodwill." } }, "auth_ref": ["r15", "r48"] }, "us-gaap_AssetRetirementObligationDisclosureAbstract": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "AssetRetirementObligationDisclosureAbstract", "lang": { "en-us": { "role": { "label": "Asset Retirement Obligation Disclosure [Abstract]" } } }, "auth_ref": [] }, "us-gaap_AssetRetirementObligationDisclosureTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "AssetRetirementObligationDisclosureTextBlock", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/DisclosureAssetRetirementObligations"], "lang": { "en-us": { "role": { "terseLabel": "Asset Retirement Obligations", "label": "Asset Retirement Obligation Disclosure [Text Block]", "documentation": "The entire disclosure for an asset retirement obligation and the associated long-lived asset. An asset retirement obligation is a legal obligation associated with the disposal or retirement from service of a tangible long-lived asset that results from the acquisition, construction or development, or the normal operations of a long-lived asset, except for certain obligations of lessees." } }, "auth_ref": ["r174", "r413", "r414"] }, "us-gaap_AssetRetirementObligationLiabilitiesIncurred": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "AssetRetirementObligationLiabilitiesIncurred", "crdr": "credit", "presentation": [
"http://www.alcoa.com/20240630/taxonomy/role/DisclosureAssetRetirementObligationsAdditionalInformationDetail"], "lang": { "en-us": { "role": { "terseLabel": "Liabilities incurred", "label": "Asset Retirement Obligation, Liabilities Incurred", "documentation": "Amount of asset retirement obligations incurred during the period." } }, "auth_ref": ["r415"] }, "us-gaap_AssetRetirementObligationRevisionOfEstimate": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "AssetRetirementObligationRevisionOfEstimate", "crdr": "credit", "presentation": [
"http://www.alcoa.com/20240630/taxonomy/role/DisclosureAssetRetirementObligationsAdditionalInformationDetail"], "lang": { "en-us": { "role": { "label": "Asset Retirement Obligation, Revision of Estimate", "negatedLabel": "Reversals of previously recorded liabilities", "documentation": "Amount of increase (decrease) in the asset retirement obligation from changes in the amount or timing of the estimated cash flows associated with the settlement of the obligation." } }, "auth_ref": ["r416"] }, "aa_AssetRetirementObligationsLineItems": { "xbrltype": "stringItemType", "nsuri": "http://www.alcoa.com/20240630", "localname": "AssetRetirementObligationsLineItems", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/DisclosureAssetRetirementObligationsAdditionalInformationDetail"], "lang": { "en-us": { "role": { "documentation": "Asset Retirement obligations.", "label": "Asset Retirement Obligations [Line Items]", "terseLabel": "Asset Retirement Obligations [Line Items]" } } }, "auth_ref": [] }, "aa_AssetRetirementObligationsMember": { "xbrltype": "domainItemType", "nsuri": "http://www.alcoa.com/20240630", "localname": "AssetRetirementObligationsMember", "presentation": [
"http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureRestructuringAndOtherChargesNetAdditionalInformationDetail"], "lang": { "en-us": { "role": { "terseLabel": "Asset Retirement Obligations [Member]", "label": "Asset Retirement Obligations [Member]", "documentation": "Asset retirement obligations." } } }, "auth_ref": [] }, "us-gaap_AssetRetirementObligationsNoncurrent": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "AssetRetirementObligationsNoncurrent", "crdr": "credit", "presentation": [
"http://www.alcoa.com/20240630/taxonomy/role/Role_StatementConsolidatedBalanceSheetUnaudited"], "lang": { "en-us": { "role": { "terseLabel": "Asset retirement obligations", "totalLabel": "Asset Retirement Obligations, Noncurrent, Total", "label": "Asset Retirement Obligations, Noncurrent", "documentation": "Noncurrent portion of the carrying amount of a liability for an asset retirement obligation. An asset retirement obligation is a legal obligation associated with the disposal or retirement of a tangible long-lived asset that results from the acquisition, construction or development, or the normal operations of a long-lived asset, except for certain obligations of lessees." } }, "auth_ref": ["r1283"] }, "aa_AssetRetirementObligationsTable": { "xbrltype": "stringItemType", "nsuri": "http://www.alcoa.com/20240630", "localname": "AssetRetirementObligationsTable", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/DisclosureAssetRetirementObligationsAdditionalInformationDetail"], "lang": { "en-us": { "role": { "documentation": "Asset retirement obligations.", "label": "Asset Retirement Obligations [Table]", "terseLabel": "Asset Retirement Obligations [Table]" } } }, "auth_ref": [] }, "us-gaap_Assets": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "Assets", "crdr": "debit", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/Role_StatementConsolidatedBalanceSheetUnaudited"], "lang": { "en-us": { "role": { "totalLabel": "Total assets", "label": "Assets", "documentation": "Amount of asset recognized for present right to economic benefit." } }, "auth_ref": ["r156", "r171", "r196", "r236", "r276", "r284", "r303", "r307", "r359", "r440", "r441", "r443", "r444", "r445", "r446", "r447", "r449", "r450", "r648", "r652", "r706", "r821", "r930", "r1025", "r1026", "r1081", "r1112", "r1300", "r1301", "r1403"] }, "us-gaap_AssetsAbstract": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "AssetsAbstract", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/Role_StatementConsolidatedBalanceSheetUnaudited"], "lang": { "en-us": { "role": { "terseLabel": "ASSETS", "label": "Assets [Abstract]" } } }, "auth_ref": [] }, "us-gaap_AssetsCurrent": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "AssetsCurrent", "crdr": "debit", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/Role_StatementConsolidatedBalanceSheetUnaudited"], "lang": { "en-us": { "role": { "totalLabel": "Total current assets", "label": "Assets, Current", "documentation": "Amount of asset recognized for present right to economic benefit, classified as current." } }, "auth_ref": ["r189", "r203", "r236", "r359", "r440", "r441", "r443", "r444", "r445", "r446", "r447", "r449", "r450", "r648", "r652", "r706", "r1081", "r1300", "r1301", "r1403"] }, "us-gaap_AssetsCurrentAbstract": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "AssetsCurrentAbstract", "presentation": [
"http://www.alcoa.com/20240630/taxonomy/role/Role_StatementConsolidatedBalanceSheetUnaudited"], "lang": { "en-us": { "role": { "terseLabel": "Current assets:", "label": "Assets, Current [Abstract]" } } }, "auth_ref": [] }, "aa_AssetsExcludingReceivablesPledgedAsCollateral": { "xbrltype": "monetaryItemType", "nsuri": "http://www.alcoa.com/20240630", "localname": "AssetsExcludingReceivablesPledgedAsCollateral", "crdr": "debit", "presentation": [
"http://www.alcoa.com/20240630/taxonomy/role/DisclosureReceivablesAdditionalInformationDetail", "lang": { "en-us": { "role": { "terseLabel": "Assets (other than the receivables) pledged as collateral", "label": "Assets Excluding Receivables Pledged As Collateral", "documentation": "Assets excluding receivables pledged as collateral." } } }, "auth_ref": [] }, "aa_AssumptionOfIndebtedness": { "xbrltype": "monetaryItemType", "nsuri": "http://www.alcoa.com/20240630", "localname": "AssumptionOfIndebtedness", "crdr": "credit", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/DisclosureAcquisitionsAndDivestituresAdditionalInformationDetail"], "lang": { "en-us": { "role": { "terseLabel": "Assumption of indebtedness", "label": "Assumption of Indebtedness", "documentation": "Assumption of indebtedness." } } }, "auth_ref": [] }, "us-gaap_AustralianTaxationOfficeMember": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "AustralianTaxationOfficeMember", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/DisclosureContingenciesAdditionalInformation1Detail"], "lang": { "en-us": { "role": { "terseLabel": "Australian Taxation Office [Member]", "label": "Australian Taxation Office [Member]", "documentation": "Designated tax department of the government of Australia." } } }, "auth_ref": [] }, "aa_AvilesAndLaCorunaFacilitiesMember": { "xbrltype": "domainItemType", "nsuri": "http://www.alcoa.com/20240630", "localname": "AvilesAndLaCorunaFacilitiesMember", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/DisclosureContingenciesAdditionalInformation1Detail"], "lang": { "en-us": { "role": { "terseLabel": "Aviles And La Coruna Facilities [Member]", "label": "Aviles And La Coruna Facilities [Member]", "documentation": "Aviles and La Coruna Facilities." } } }, "auth_ref": [] }, "aa_AvilesAndLaCorunaSpainAluminumFacilitiesMember": { "xbrltype": "domainItemType", "nsuri": "http://www.alcoa.com/20240630",

"localname": "AvilesAndLaCorunaSpainAluminumFacilitiesMember", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureRestructuringAndOtherChargesNetAdditionalInformationDetail"], "lang": { "en-us": { "role": { "label": "Aviles And La Coruna Spain Aluminum Facilities [Member]", "documentation": "Avil\u00e9s and La Coru\u00f1a (Spain) aluminum facilities.", "terseLabel": "Aviles and La Coruna Facilities [Member]" } } }, "auth_ref": [] }, "ecd_AwardExrcPrice": { "xbrltype": "perShareItemType", "nsuri": "http://xbrl.sec.gov/ecd/2024", "localname": "AwardExrcPrice", "presentation": ["http://xbrl.sec.gov/ecd/role/AwardTimingDisclosure"], "lang": { "en-us": { "role": { "label": "Award Exercise Price", "terseLabel": "Exercise Price" } } }, "auth_ref": ["r1184"] }, "ecd_AwardGrantDateFairValue": { "xbrltype": "monetaryItemType", "nsuri": "http://xbrl.sec.gov/ecd/2024", "localname": "AwardGrantDateFairValue", "presentation": ["http://xbrl.sec.gov/ecd/role/AwardTimingDisclosure"], "lang": { "en-us": { "role": { "label": "Award Grant Date Fair Value", "terseLabel": "Fair Value as of Grant Date" } } }, "auth_ref": ["r1185"] }, "ecd_AwardTmgDiscLineItems": { "xbrltype": "stringItemType", "nsuri": "http://xbrl.sec.gov/ecd/2024", "localname": "AwardTmgDiscLineItems", "lang": { "en-us": { "role": { "label": "Award Timing Disclosures [Line Items]", "terseLabel": "Award Timing Disclosures" } } }, "auth_ref": ["r1180"] }, "ecd_AwardTmgHowMnpiCnsdrdTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://xbrl.sec.gov/ecd/2024", "localname": "AwardTmgHowMnpiCnsdrdTextBlock", "presentation": ["http://xbrl.sec.gov/ecd/role/AwardTimingDisclosure"], "lang": { "en-us": { "role": { "label": "Award Timing, How MNPI Considered [Text Block]", "terseLabel": "Award Timing, How MNPI Considered" } } }, "auth_ref": ["r1180"] }, "ecd_AwardTmgMethodTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://xbrl.sec.gov/ecd/2024", "localname": "AwardTmgMethodTextBlock", "presentation": ["http://xbrl.sec.gov/ecd/role/AwardTimingDisclosure"], "lang": { "en-us": { "role": { "label": "Award Timing Method [Text Block]", "terseLabel": "Award Timing Method" } } }, "auth_ref": ["r1180"] }, "ecd_AwardTmgMnpiCnsdrdFlag": { "xbrltype": "booleanItemType", "nsuri": "http://xbrl.sec.gov/ecd/2024", "localname": "AwardTmgMnpiCnsdrdFlag", "presentation": ["http://xbrl.sec.gov/ecd/role/AwardTimingDisclosure"], "lang": { "en-us": { "role": { "label": "Award Timing MNPI Considered [Flag]", "terseLabel": "Award Timing MNPI Considered" } } }, "auth_ref": ["r1180"] }, "ecd_AwardTmgMnpiDiscTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://xbrl.sec.gov/ecd/2024", "localname": "AwardTmgMnpiDiscTextBlock", "presentation": ["http://xbrl.sec.gov/ecd/role/AwardTimingDisclosure"], "lang": { "en-us": { "role": { "label": "Award Timing MNPI Disclosure [Text Block]", "terseLabel": "Award Timing MNPI Disclosure" } } }, "auth_ref": ["r1180"] }, "ecd_AwardTmgPredtrmndFlag": { "xbrltype": "booleanItemType", "nsuri": "http://xbrl.sec.gov/ecd/2024", "localname": "AwardTmgPredtrmndFlag", "presentation": ["http://xbrl.sec.gov/ecd/role/AwardTimingDisclosure"], "lang": { "en-us": { "role": { "label": "Award Timing Predetermined [Flag]", "terseLabel": "Award Timing Predetermined" } } }, "auth_ref": ["r1180"] }, "us-gaap_AwardTypeAxis": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "AwardTypeAxis", "presentation": ["http://xbrl.sec.gov/ecd/role/AwardTimingDisclosure"], "lang": { "en-us": { "role": { "label": "Award Type [Axis]", "terseLabel": "Award Type", "documentation": "Information by type of award under share-based payment arrangement." } } }, "auth_ref": ["r576", "r577", "r578", "r579", "r580", "r581", "r582", "r583", "r584", "r585", "r586", "r587", "r588", "r589", "r590", "r591", "r592", "r593", "r594", "r595", "r596", "r597", "r598", "r599", "r600", "r601"] }, "ecd_AwardUndrlygSecuritiesAmt": { "xbrltype": "decimalItemType", "nsuri": "http://xbrl.sec.gov/ecd/2024", "localname": "AwardUndrlygSecuritiesAmt", "presentation": ["http://xbrl.sec.gov/ecd/role/AwardTimingDisclosure"], "lang": { "en-us": { "role": { "label": "Award Underlying Securities Amount", "terseLabel": "Underlying Securities" } } }, "auth_ref": ["r1183"] }, "ecd_AwardsCloseToMnpiDiscIndName": { "xbrltype": "stringItemType", "nsuri": "http://xbrl.sec.gov/ecd/2024", "localname": "AwardsCloseToMnpiDiscIndName", "presentation": ["http://xbrl.sec.gov/ecd/role/AwardTimingDisclosure"], "lang": { "en-us": { "role": { "label": "Awards Close in Time to MNPI Disclosures, Individual Name", "terseLabel": "Name" } } }, "auth_ref": ["r1182"] }, "ecd_AwardsCloseToMnpiDiscTable": { "xbrltype": "stringItemType", "nsuri": "http://xbrl.sec.gov/ecd/2024", "localname": "AwardsCloseToMnpiDiscTable", "presentation": ["http://xbrl.sec.gov/ecd/role/AwardTimingDisclosure"], "lang": { "en-us": { "role": { "label": "Awards Close in Time to MNPI Disclosures [Table]", "terseLabel": "Awards Close in Time to MNPI Disclosures" } } }, "auth_ref": ["r1181"] }, "ecd_AwardsCloseToMnpiDiscTableTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://xbrl.sec.gov/ecd/2024", "localname": "AwardsCloseToMnpiDiscTableTextBlock", "presentation": ["http://xbrl.sec.gov/ecd/role/AwardTimingDisclosure"], "lang": { "en-us": { "role": { "label": "Awards Close in Time to MNPI Disclosures [Table Text Block]", "terseLabel": "Awards Close in Time to MNPI Disclosures, Table" } } }, "auth_ref": ["r1181"] }, "country_BR": { "xbrltype": "domainItemType", "nsuri": "http://xbrl.sec.gov/country/2024", "localname": "BR", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureDerivativesAndOtherFinancialInstrumentsAdditionalInformationDetail", "http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureInvestmentsAdditionalInformationDetail"], "lang": { "en-us": { "role": { "terseLabel": "Brazil [Member]", "label": "BRAZIL" } } }, "auth_ref": [] }, "us-gaap_BalanceSheetLocationAxis": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "BalanceSheetLocationAxis", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/DisclosureAcquisitionsAndDivestituresAdditionalInformationDetail", "http://www.alcoa.com/20240630/taxonomy/role/DisclosureDebtAdditionalInformationDetail", "http://www.alcoa.com/20240630/taxonomy/role/DisclosureGoodwillSummaryOfGoodwillWhichIsIncludedInOtherNoncurrentAssetsDetail", "http://www.alcoa.com/20240630/taxonomy/role/DisclosureGoodwillSummaryOfGoodwillWhichIsIncludedInOtherNoncurrentAssetsParentheticalDetail", "http://www.alcoa.com/20240630/taxonomy/role/DisclosureSubsequentEventsAdditionalInformationDetails", "http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureDerivativesAndOtherFinancialInstrumentsScheduleOfFairValuesOfLevel3DerivativeInstrumentsRecordedAsAsse... "http://www.alcoa.com/20240630/taxonomy/role/DisclosureIncomeTaxesAdditionalInformationDetail"], "lang": { "en-us": { "role": { "terseLabel": "Balance Sheet Location", "label": "Statement of Financial Position Location, Balance [Axis]", "documentation": "Information by location in statement of financial position where disaggregated cumulative balance has been reported." } } }, "auth_ref": ["r411", "r1421", "r1422"] }, "us-gaap_BalanceSheetLocationDomain": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "BalanceSheetLocationDomain", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/DisclosureAcquisitionsAndDivestituresAdditionalInformationDetail", "http://www.alcoa.com/20240630/taxonomy/role/DisclosureDebtAdditionalInformationDetail", "http://www.alcoa.com/20240630/taxonomy/role/DisclosureGoodwillSummaryOfGoodwillWhichIsIncludedInOtherNoncurrentAssetsDetail", "http://www.alcoa.com/20240630/taxonomy/role/DisclosureGoodwillSummaryOfGoodwillWhichIsIncludedInOtherNoncurrentAssetsParentheticalDetail", "http://www.alcoa.com/20240630/taxonomy/role/DisclosureSubsequentEventsAdditionalInformationDetails", "http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureDerivativesAndOtherFinancialInstrumentsScheduleOfFairValuesOfLevel3DerivativeInstrumentsRecordedAsAsse... "http://www.alcoa.com/20240630/taxonomy/role/DisclosureIncomeTaxesAdditionalInformationDetail"], "lang": { "en-us": { "role": { "terseLabel": "Balance Sheet Location", "label": "Statement of Financial Position Location, Balance [Domain]", "documentation": "Location in statement of financial position where disaggregated cumulative balance has been reported." } } }, "auth_ref": ["r79", "r82", "r411", "r1421", "r1422"] }, "aa_BankGuarantee": { "xbrltype": "monetaryItemType", "nsuri": "http://www.alcoa.com/20240630", "localname": "BankGuarantee", "crdr": "credit", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/DisclosureContingenciesAdditionalInformation1Detail"], "lang": { "en-us": { "role": { "terseLabel": "Bank guarantee", "label": "Bank Guarantee", "documentation": "Bank guarantee." } } }, "auth_ref": [] }, "aa_BasisInInvestmentDueToShareOfLosses": { "xbrltype": "monetaryItemType", "nsuri": "http://www.alcoa.com/20240630", "localname": "BasisInInvestmentDueToShareOfLosses", "crdr": "debit", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureInvestmentsAdditionalInformationDetail"], "lang": { "en-us": { "role": { "terseLabel": "Basis in investment, due to share of losses", "label": "Basis In Investment Due To Share Of Losses", "documentation": "Basis in investment, due to share of losses." } } }, "auth_ref": [] }, "us-gaap_BasisOfAccounting": { "xbrltype": "textBlockItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "BasisOfAccounting", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/DisclosureBasisOfPresentation"], "lang": { "en-us": { "role": { "terseLabel": "Basis of Presentation", "label": "Basis of Accounting [Text Block]", "documentation": "The entire disclosure for the basis of accounting, or basis of presentation, used to prepare the financial statements (for example, US Generally Accepted Accounting Principles, Other Comprehensive Basis of Accounting, IFRS)." } } }, "auth_ref": ["r137"] }, "us-gaap_BasisOfAccountingPolicyPolicyTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "BasisOfAccountingPolicyPolicyTextBlock", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureBasisOfPresentationPolicies"], "lang": { "en-us": { "role": { "terseLabel": "Basis of Presentation", "label": "Basis of Accounting, Policy [Policy Text Block]", "documentation": "Disclosure of accounting policy for basis of accounting, or basis of presentation, used to prepare the financial statements (for example, US Generally Accepted Accounting Principles, Other Comprehensive Basis of Accounting, IFRS)." } } }, "auth_ref": [] }, "aa_BasisOfPresentationLineItems": { "xbrltype": "stringItemType", "nsuri": "http://www.alcoa.com/20240630", "localname": "BasisOfPresentationLineItems", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureBasisOfPresentationAdditionalInformationDetail"], "lang": { "en-us": { "role": { "terseLabel": "Basis Of Presentation [Line Items]", "label": "Basis Of Presentation [Line Items]", "documentation": "Basis of Presentation [Line Items]" } } }, "auth_ref": [] }, "aa_BasisOfPresentationTable": { "xbrltype": "stringItemType", "nsuri": "http://www.alcoa.com/20240630", "localname": "BasisOfPresentationTable", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureBasisOfPresentationAdditionalInformationDetail"], "lang": { "en-us": { "role": { "terseLabel": "Basis Of Presentation [Table]", "label": "Basis Of Presentation [Table]", "documentation": "Basis Of Presentation [Table]" } } }, "auth_ref": [] }, "aa_BauxiteMember": { "xbrltype": "domainItemType", "nsuri": "http://www.alcoa.com/20240630", "localname": "BauxiteMember", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/DisclosureGoodwillSummaryOfGoodwillWhichIsIncludedInOtherNoncurrentAssetsParentheticalDetail", "http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureSegmentInformationScheduleOfSalesByProductDivisionDetail"], "lang": { "en-us": { "role": { "terseLabel": "Bauxite [Member]", "label": "Bauxite [Member]", "documentation": "Bauxite." } } }, "auth_ref": [] }, "aa_BauxiteResidueAreasMember": { "xbrltype": "domainItemType", "nsuri": "http://www.alcoa.com/20240630", "localname": "BauxiteResidueAreasMember", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/DisclosureAssetRetirementObligationsAdditionalInformationDetail"], "lang": { "en-us": { "role": { "terseLabel": "Bauxite Residue Areas [Member]", "label": "Bauxite Residue Areas.", "documentation": "Bauxite Residue Areas." } } }, "auth_ref": [] }, "aa_BrazilianFederalRevenueOfficeMember": { "xbrltype": "domainItemType", "nsuri": "http://www.alcoa.com/20240630", "localname": "BrazilianFederalRevenueOfficeMember", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/DisclosureContingenciesAdditionalInformation1Detail"], "lang": { "en-us": { "role": { "terseLabel": "Brazilian Federal Revenue Office [Member]", "label": "Brazilian Federal Revenue Office [Member]", "documentation": "Brazilian Federal Revenue Office." } } }, "auth_ref": [] }, "us-gaap_BusinessAcquisitionAcquireeDomain": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "BusinessAcquisitionAcquireeDomain", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/DisclosureAcquisitionsAndDivestituresAdditionalInformationDetail"], "lang": { "en-us": { "role": { "label": "Business Acquisition, Acquiree [Domain]", "documentation": "Identification of the acquiree in a material business combination (or series of individually immaterial business combinations), which may include the name or other type of identification of the acquiree." } } }, "auth_ref": ["r396", "r397", "r398", "r399", "r400", "r638", "r1057", "r1060"] }, "us-gaap_BusinessAcquisitionAxis": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "BusinessAcquisitionAxis", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/DisclosureAcquisitionsAndDivestituresAdditionalInformationDetail"], "lang": { "en-us": { "role": { "label": "Business Acquisition [Axis]", "documentation": "Information by business combination or series of individually immaterial business combinations." } } }, "auth_ref": ["r65", "r66", "r396", "r397", "r398", "r399", "r400", "r638", "r1057", "r1060"] }, "us-gaap_BusinessAcquisitionCostOfAcquiredEntityTransactionCosts": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "BusinessAcquisitionCostOfAcquiredEntityTransactionCosts", "crdr": "debit", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/DisclosureAcquisitionsAndDivestituresAdditionalInformationDetail"], "lang": { "en-us": { "role": { "terseLabel": "Recognized transaction costs", "label": "Business Acquisition, Transaction Costs", "documentation": "Amount of direct costs of the business combination including legal, accounting, and other costs incurred to consummate the business acquisition." } } }, "auth_ref": [] }, "aa_BusinessAcquisitionDebtPositionExceeds": { "xbrltype": "monetaryItemType", "nsuri": "http://www.alcoa.com/20240630", "localname": "BusinessAcquisitionDebtPositionExceeds", "crdr": "credit", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/DisclosureAcquisitionsAndDivestituresAdditionalInformationDetail"], "lang": { "en-us": { "role": { "terseLabel": "Debt position exceeds", "label": "Business Acquisition Debt Position Exceeds", "documentation": "Business acquisition debt position exceeds." } } }, "auth_ref": [] }, "us-gaap_BusinessAcquisitionEquityInterestIssuedOrIssuableValueAssigned": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "BusinessAcquisitionEquityInterestIssuedOrIssuableValueAssigned", "crdr": "credit", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/DisclosureAcquisitionsAndDivestituresAdditionalInformationDetail"], "lang": { "en-us": { "role": { "terseLabel": "Equity value of share", "label": "Business Acquisition, Equity Interest Issued or Issuable, Value Assigned", "documentation": "Value of equity interests (such as common shares, preferred shares, or partnership interest) issued or issuable to acquire the entity." } } }, "auth_ref": ["r151"] }, "us-gaap_BusinessAcquisitionEquityInterestsIssuedOrIssuableNumberOfSharesIssued": { "xbrltype": "sharesItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "BusinessAcquisitionEquityInterestsIssuedOrIssuableNumberOfSharesIssued", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/DisclosureAcquisitionsAndDivestituresAdditionalInformationDetail"], "lang": { "en-us": { "role": { "terseLabel": "Business acquisition, shares issued", "label": "Business Acquisition, Equity Interest Issued or Issuable, Number of Shares", "documentation": "Number of shares of equity interests issued or issuable to acquire entity." } } }, "auth_ref": ["r151"] }, "aa_BusinessAcquisitionNumberOfShares": { "xbrltype": "sharesItemType", "nsuri": "http://www.alcoa.com/20240630", "localname": "BusinessAcquisitionNumberOfShares", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/DisclosureAcquisitionsAndDivestituresAdditionalInformationDetail"], "lang": { "en-us": { "role": { "terseLabel": "Business

acquision, number of shares", "label": "Business Acquisition Number Of Shares", "documentation": "Business acquisition number of shares" } } }, "auth_ref": [] }, "aa_BusinessAcquisitionShare": { "xbrltype": "sharesItemType", "nsuri": "http://www.alcoa.com/20240630", "localname": "BusinessAcquisitionShare", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/DisclosureAcquisitionsAndDivestituresAdditionalInformationDetail"], "lang": { "en-us": { "role": { "terseLabel": "Business acquisition share", "label": "Business Acquisition Share", "documentation": "Business acquisition share." } } }, "auth_ref": [] }, "us-gaap_BusinessAcquisitionSharePrice": { "xbrltype": "perShareItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "BusinessAcquisitionSharePrice", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/DisclosureAcquisitionsAndDivestituresAdditionalInformationDetail"], "lang": { "en-us": { "role": { "terseLabel": "Agreed ratio value per share", "label": "Business Acquisition, Share Price", "documentation": "Price of a single share of a number of saleable stocks paid or offered to be paid in a business combination." } } }, "auth_ref": [] }, "aa_BusinessAcquisitionSharesConvertedIntoEquivalent": { "xbrltype": "sharesItemType", "nsuri": "http://www.alcoa.com/20240630", "localname": "BusinessAcquisitionSharesConvertedIntoEquivalent", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/DisclosureAcquisitionsAndDivestituresAdditionalInformationDetail"], "lang": { "en-us": { "role": { "terseLabel": "Business acquisition, shares converted into equivalent", "label": "Business Acquisition, Shares Converted Into Equivalent", "documentation": "Business acquisition, shares converted into equivalent." } } }, "auth_ref": [] }, "aa_BusinessAcquisitionSharesOutstanding": { "xbrltype": "sharesItemType", "nsuri": "http://www.alcoa.com/20240630", "localname": "BusinessAcquisitionSharesOutstanding", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/DisclosureAcquisitionsAndDivestituresAdditionalInformationDetail"], "lang": { "en-us": { "role": { "terseLabel": "Business acquisition, shares outstanding", "label": "Business Acquisition, Shares Outstanding", "documentation": "Business Acquisition, shares outstanding." } } }, "auth_ref": [] }, "aa_BusinessAcquisitionSharesOutstandingExchanged": { "xbrltype": "sharesItemType", "nsuri": "http://www.alcoa.com/20240630", "localname": "BusinessAcquisitionSharesOutstandingExchanged", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/DisclosureAcquisitionsAndDivestituresAdditionalInformationDetail"], "lang": { "en-us": { "role": { "terseLabel": "Business acquisition, shares exchanged", "label": "Business Acquisition Shares Outstanding Exchanged", "documentation": "Business acquisition shares outstanding exchanged." } } }, "auth_ref": [] }, "us-gaap_BusinessCombinationConsiderationTransferred1": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "BusinessCombinationConsiderationTransferred1", "crdr": "credit", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/DisclosureAcquisitionsAndDivestituresAdditionalInformationDetail"], "lang": { "en-us": { "role": { "terseLabel": "Aggregate purchase consideration", "label": "Business Combination, Consideration Transferred", "totalLabel": "Business Combination, Consideration Transferred, Total", "documentation": "Amount of consideration transferred, consisting of acquisition-date fair value of assets transferred by the acquirer, liabilities incurred by the acquirer, and equity interest issued by the acquirer." } } }, "auth_ref": ["r0", "r1", "r18"] }, "us-gaap_BusinessCombinationsAbstract": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "BusinessCombinationsAbstract", "lang": { "en-us": { "role": { "label": "Business Combinations [Abstract]" } } }, "auth_ref": [] }, "aa_BusinessDispositionLineItems": { "xbrltype": "stringItemType", "nsuri": "http://www.alcoa.com/20240630", "localname": "BusinessDispositionLineItems", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/DisclosureAcquisitionsAndDivestituresAdditionalInformationDetail"], "lang": { "en-us": { "role": { "terseLabel": "Business Disposition [Line Items]", "label": "Business Disposition [Line Items]", "documentation": "Business disposition." } } }, "auth_ref": [] }, "country_CA": { "xbrltype": "domainItemType", "nsuri": "http://xbrl.sec.gov/country/2024", "localname": "CA", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureDerivativesAndOtherFinancialInstrumentsAdditionalInformationDetail"], "lang": { "en-us": { "role": { "label": "CANADA", "terseLabel": "Canada [Member]" } } }, "auth_ref": [] }, "aa_CHESSDepositaryInterestsMember": { "xbrltype": "domainItemType", "nsuri": "http://www.alcoa.com/20240630", "localname": "CHESSDepositaryInterestsMember", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/DisclosureAcquisitionsAndDivestituresAdditionalInformationDetail"], "lang": { "en-us": { "role": { "terseLabel": "CHESS Depositary Interests [Member]", "label": "C H E S S Depositary Interests [Member]", "documentation": "C H E S S Depositary Interests [Member]" } } }, "auth_ref": [] }, "aa_CapitalImprovementCosts": { "xbrltype": "monetaryItemType", "nsuri": "http://www.alcoa.com/20240630", "localname": "CapitalImprovementCosts", "crdr": "debit", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureRestructuringAndOtherChargesNetAdditionalInformationDetail"], "lang": { "en-us": { "role": { "documentation": "Capital improvement costs.", "label": "Capital Improvement Costs", "terseLabel": "Capital improvement costs" } } }, "auth_ref": [] }, "us-gaap_CapitalizedCostsAssetRetirementCosts": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "CapitalizedCostsAssetRetirementCosts", "crdr": "debit", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/DisclosureAssetRetirementObligationsAdditionalInformationDetail"], "lang": { "en-us": { "role": { "terseLabel": "Capitalized asset retirement cost", "label": "Oil and Gas, Capitalized Cost, before Accumulated Depreciation, Depletion, Amortization, and Valuation Allowance, Asset Retirement", "documentation": "Amount, before accumulated depreciation, depletion, amortization, and valuation allowance, of capitalized cost for asset retirement in oil- and gas-producing activities." } } }, "auth_ref": ["r1412", "r1413", "r1414"] }, "us-gaap_CarryingReportedAmountFairValueDisclosureMember": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "CarryingReportedAmountFairValueDisclosureMember", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureDerivativesAndOtherFinancialInstrumentsScheduleOfCarryingValuesAndFairValuesOfOtherFinancialInstrument], "lang": { "en-us": { "role": { "terseLabel": "Carrying Value [Member]", "label": "Reported Value Measurement [Member]", "documentation": "Measured as reported on the statement of financial position (balance sheet)." } } }, "auth_ref": ["r90", "r91"] }, "us-gaap_CashAndCashEquivalentsAtCarryingValue": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "CashAndCashEquivalentsAtCarryingValue", "crdr": "debit", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/DisclosureOtherFinancialInformationScheduleOfCashAndCashEquivalentsAndRestrictedCashDetail", "http://www.alcoa.com/20240630/taxonomy/role/Role_StatementConsolidatedBalanceSheetUnaudited"], "lang": { "en-us": { "role": { "terseLabel": "Cash and cash equivalents (M)", "label": "Cash and Cash Equivalents, at Carrying Value", "totalLabel": "Cash and Cash Equivalents, at Carrying Value, Total", "documentation": "Amount of currency on hand as well as demand deposits with banks or financial institutions. Includes other kinds of accounts that have the general characteristics of demand deposits. Also includes short-term, highly liquid investments that are both readily convertible to known amounts of cash and so near their maturity that they present insignificant risk of changes in value because of changes in interest rates. Excludes cash and cash equivalents within disposal group and discontinued operation." } } }, "auth_ref": ["r35", "r191", "r1010"] }, "us-gaap_CashAndCashEquivalentsFairValueDisclosure": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "CashAndCashEquivalentsFairValueDisclosure", "crdr": "debit", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureDerivativesAndOtherFinancialInstrumentsScheduleOfCarryingValuesAndFairValuesOfOtherFinancialInstrument], "lang": { "en-us": { "role": { "terseLabel": "Cash and cash equivalents", "label": "Cash and Cash Equivalents, Fair Value Disclosure", "documentation": "Fair value portion of currency on hand as well as demand deposits with banks or financial institutions. Includes other kinds of accounts that have the general characteristics of demand deposits. Also includes short-term, highly liquid investments that are both readily convertible to known amounts of cash and so near their maturity that they present insignificant risk of changes in value because of changes in interest rates." } } }, "auth_ref": ["r1381", "r1382"] }, "us-gaap_CashCashEquivalentsRestrictedCashAndRestrictedCashEquivalents": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "CashCashEquivalentsRestrictedCashAndRestrictedCashEquivalents", "crdr": "debit", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/DisclosureOtherFinancialInformationScheduleOfCashAndCashEquivalentsAndRestrictedCashDetail", "http://www.alcoa.com/20240630/taxonomy/role/StatementStatementOfConsolidatedCashFlowsUnaudited"], "lang": { "en-us": { "role": { "totalLabel": "Cash and cash equivalents and restricted cash, total", "periodStartLabel": "Cash and cash equivalents and restricted cash at beginning of year", "periodEndLabel": "CASH AND CASH EQUIVALENTS AND RESTRICTED CASH AT END OF PERIOD", "label": "Cash, Cash Equivalents, Restricted Cash, and Restricted Cash Equivalents", "documentation": "Amount of cash and cash equivalents, and cash and cash equivalents restricted to withdrawal or usage. Excludes amount for disposal group and discontinued operations. Cash includes, but is not limited to, currency on hand, demand deposits with banks or financial institutions, and other accounts with general characteristics of demand deposits. Cash equivalents include, but are not limited to, short-term, highly liquid investments that are both readily convertible to known amounts of cash and so near their maturity that they present insignificant risk of changes in value because of changes in interest rates." } } }, "auth_ref": ["r35", "r134", "r234"] }, "us-gaap_CashCashEquivalentsRestrictedCashAndRestrictedCashEquivalentsPeriodIncreaseDecreaseIncludingExchangeRateEffect": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "CashCashEquivalentsRestrictedCashAndRestrictedCashEquivalentsPeriodIncreaseDecreaseIncludingExchangeRateEffect", "crdr": "debit", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/StatementStatementOfConsolidatedCashFlowsUnaudited"], "lang": { "en-us": { "role": { "totalLabel": "Net change in cash and cash equivalents and restricted cash", "label": "Cash, Cash Equivalents, Restricted Cash, and Restricted Cash Equivalents, Period Increase (Decrease), Including Exchange Rate Effect", "documentation": "Amount of increase (decrease) in cash, cash equivalents, and cash and cash equivalents restricted to withdrawal or usage; including effect from exchange rate change. Cash includes, but is not limited to, currency on hand, demand deposits with banks or financial institutions, and other accounts with general characteristics of demand deposits. Cash equivalents include, but are not limited to, short-term, highly liquid investments that are both readily convertible to known amounts of cash and so near their maturity that they present insignificant risk of changes in value because of changes in interest rates." } } }, "auth_ref": ["r2", "r134"] }, "aa_CashCollectionsFromPreviouslySoldReceivablesYetToBeReinvested": { "xbrltype": "monetaryItemType", "nsuri": "http://www.alcoa.com/20240630", "localname": "CashCollectionsFromPreviouslySoldReceivablesYetToBeReinvested", "crdr": "credit", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/DisclosureReceivablesAdditionalInformationDetail"], "lang": { "en-us": { "role": { "terseLabel": "Cash collections from previously sold receivables yet to be reinvested", "label": "Cash Collections From Previously Sold Receivables Yet to be Reinvested", "documentation": "Cash collections from previously sold receivables yet to be reinvested." } } }, "auth_ref": [] }, "us-gaap_CashFlowHedgeGainLossToBeReclassifiedWithinTwelveMonths": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "CashFlowHedgeGainLossToBeReclassifiedWithinTwelveMonths", "crdr": "credit", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/DisclosureDerivativesAndOtherFinancialInstrumentsAdditionalInformationDetail"], "lang": { "en-us": { "role": { "terseLabel": "Amount of (loss) gain expected to be recognized into earnings over the next 12 months", "label": "Cash Flow Hedge Gain (Loss) to be Reclassified within 12 Months", "documentation": "The estimated net amount of existing gains or losses on cash flow hedges at the reporting date expected to be reclassified to earnings within the next 12 months." } } }, "auth_ref": ["r89"] }, "us-gaap_CashFlowHedgingMember": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "CashFlowHedgingMember", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureDerivativesAndOtherFinancialInstrumentsAdditionalInformationDetail"], "lang": { "en-us": { "role": { "terseLabel": "Cash Flow Hedging [Member]", "label": "Cash Flow Hedging [Member]", "documentation": "Hedge of the exposure to variability in the cash flows of a recognized asset or liability, or of a forecasted transaction, that is attributable to a particular risk." } } }, "auth_ref": ["r77"] }, "aa_CashOutlays": { "xbrltype": "monetaryItemType", "nsuri": "http://www.alcoa.com/20240630", "localname": "CashOutlays", "crdr": "debit", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureRestructuringAndOtherChargesNetAdditionalInformationDetail"], "lang": { "en-us": { "role": { "terseLabel": "Cash outlays", "label": "Cash Outlays", "documentation": "Cash outlays." } } }, "auth_ref": [] }, "aa_CashOutlaysExpectedOverNextThreeYears": { "xbrltype": "monetaryItemType", "nsuri": "http://www.alcoa.com/20240630", "localname": "CashOutlaysExpectedOverNextThreeYears", "crdr": "debit", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureRestructuringAndOtherChargesNetAdditionalInformationDetail"], "lang": { "en-us": { "role": { "terseLabel": "Cash outlays expected over next three years", "label": "Cash Outlays Expected Over Next Three Years", "documentation": "Cash outlays expected over next three years." } } }, "auth_ref": [] }, "aa_CashOutlaysExpectedYearOne": { "xbrltype": "monetaryItemType", "nsuri": "http://www.alcoa.com/20240630", "localname": "CashOutlaysExpectedYearOne", "crdr": "debit", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureRestructuringAndOtherChargesNetAdditionalInformationDetail"], "lang": { "en-us": { "role": { "terseLabel": "Cash outlays expected through 2025", "documentation": "Cash outlays expected year one.", "label": "Cash Outlays Expected Year One" } } }, "auth_ref": [] }, "aa_CashOutlaysExpectedYearTwo": { "xbrltype": "monetaryItemType", "nsuri": "http://www.alcoa.com/20240630", "localname": "CashOutlaysExpectedYearTwo", "crdr": "debit", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureRestructuringAndOtherChargesNetAdditionalInformationDetail"], "lang": { "en-us": { "role": { "documentation": "Cash outlays expected year two.", "label": "Cash Outlays Expected Year Two", "terseLabel": "Cash outlays expected in 2025" } } }, "auth_ref": [] }, "aa_CashOutlaysRemainderOfFiscalYear": { "xbrltype": "monetaryItemType", "nsuri": "http://www.alcoa.com/20240630", "localname": "CashOutlaysRemainderOfFiscalYear", "crdr": "debit", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureRestructuringAndOtherChargesNetAdditionalInformationDetail"], "lang": { "en-us": { "role": { "terseLabel": "Cash outlays to be spent in 2024", "label": "Cash Outlays, Remainder of Fiscal Year", "documentation": "Cash outlays, remainder of fiscal year." } } }, "auth_ref": [] }, "aa_CashOutlaysRemainderOfFiscalYearAndYearOne": { "xbrltype": "monetaryItemType", "nsuri": "http://www.alcoa.com/20240630", "localname": "CashOutlaysRemainderOfFiscalYearAndYearOne", "crdr": "debit", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureRestructuringAndOtherChargesNetAdditionalInformationDetail"], "lang": { "en-us": { "role": { "terseLabel": "Cash outlays includes existing employee related liabilities and asset retirement obligations expected through 2025", "label": "Cash Outlays remainder Of Fiscal Year and Year

One", "documentation": "Cash outlays remainder of fiscal year and year one." } } }, "auth_ref": [] }, "aa_CertainEmployeeObligationsMember": { "xbrltype": "domainItemType", "nsuri": "http://www.alcoa.com/20240630", "localname": "CertainEmployeeObligationsMember", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureRestructuringAndOtherChargesNetAdditionalInformationDetail"], "lang": { "en-us": { "role": { "label": "Certain Employee Obligations [Member]", "documentation": "Certain employee obligations." } } }, "auth_ref": [] }, "us-gaap_ChangeInAccountingPrincipleAccountingStandardsUpdateAdopted": { "xbrltype": "booleanItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ChangeInAccountingPrincipleAccountingStandardsUpdateAdopted", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/DisclosureRecentlyAdoptedAndRecentlyIssuedAccountingGuidanceAdditionalInformationDetails"], "lang": { "en-us": { "role": { "terseLabel": "Change in accounting principle, accounting standards update, adopted [true false]", "label": "Change in Accounting Principle, Accounting Standards Update, Adopted [true false]", "documentation": "Indicates (true false) whether accounting standards update was adopted." } } }, "auth_ref": ["r177", "r178", "r185", "r242", "r315", "r361", "r362", "r363", "r367", "r368", "r402", "r412", "r621", "r629", "r630", "r639", "r640", "r642", "r659", "r660", "r670", "r671", "r701", "r702", "r723", "r727", "r729", "r772", "r773", "r867", "r868"] }, "us-gaap_ChangeInAccountingPrincipleAccountingStandardsUpdateAdoptionDate": { "xbrltype": "dateItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ChangeInAccountingPrincipleAccountingStandardsUpdateAdoptionDate", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/DisclosureRecentlyAdoptedAndRecentlyIssuedAccountingGuidanceAdditionalInformationDetails"], "lang": { "en-us": { "role": { "terseLabel": "Change in accounting principle, accounting standards update, adoption date", "label": "Change in Accounting Principle, Accounting Standards Update, Adoption Date", "documentation": "Date accounting standards update was adopted, in YYYY-MM-DD format." } } }, "auth_ref": ["r177", "r178", "r185", "r315", "r361", "r362", "r363", "r367", "r368", "r369", "r402", "r412", "r621", "r629", "r630", "r639", "r640", "r641", "r642", "r643", "r658", "r659", "r660", "r661", "r670", "r671", "r672", "r673", "r701", "r702", "r723", "r727", "r729", "r772", "r773", "r867", "r868", "r1210"] }, "us-gaap_ChangeInAccountingPrincipleAccountingStandardsUpdateImmaterialEffect": { "xbrltype": "booleanItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ChangeInAccountingPrincipleAccountingStandardsUpdateImmaterialEffect", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/DisclosureRecentlyAdoptedAndRecentlyIssuedAccountingGuidanceAdditionalInformationDetails"], "lang": { "en-us": { "role": { "terseLabel": "Change in accounting principle, accounting standards update, immaterial effect [true false]", "label": "Change in Accounting Principle, Accounting Standards Update, Immaterial Effect [true false]", "documentation": "Indicates (true false) whether effect from applying amendment to accounting standards is immaterial." } } }, "auth_ref": ["r244", "r257", "r365"] }, "ecd_ChangedPeerGroupFnTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://xbrl.sec.gov/ecd/2024", "localname": "ChangedPeerGroupFnTextBlock", "presentation": ["http://xbrl.sec.gov/ecd/role/PvpDisclosure"], "lang": { "en-us": { "role": { "label": "Changed Peer Group, Footnote [Text Block]", "terseLabel": "Changed Peer Group, Footnote" } } }, "auth_ref": ["r1160"] }, "ecd_ChngInFrValAsOfVstngDtOfPrrYrEqtyAwrdsVstdInCvrdYrMember": { "xbrltype": "domainItemType", "nsuri": "http://xbrl.sec.gov/ecd/2024", "localname": "ChngInFrValAsOfVstngDtOfPrrYrEqtyAwrdsVstdInCvrdYrMember", "presentation": ["http://xbrl.sec.gov/ecd/role/PvpDisclosure"], "lang": { "en-us": { "role": { "label": "Change in Fair Value as of Vesting Date of Prior Year Equity Awards Vested in Covered Year [Member]", "terseLabel": "Change in Fair Value as of Vesting Date of Prior Year Equity Awards Vested in Covered Year" } } }, "auth_ref": ["r1157"] }, "ecd_ChngInFrValOfOutsdngAndUnvstdEqtyAwrdsGrntdInPrrYrsMember": { "xbrltype": "domainItemType", "nsuri": "http://xbrl.sec.gov/ecd/2024", "localname": "ChngInFrValOfOutsdngAndUnvstdEqtyAwrdsGrntdInPrrYrsMember", "presentation": ["http://xbrl.sec.gov/ecd/role/PvpDisclosure"], "lang": { "en-us": { "role": { "label": "Year-over-Year Change in Fair Value of Equity Awards Granted in Prior Years That are Outstanding and Unvested [Member]", "terseLabel": "Year-over-Year Change in Fair Value of Equity Awards Granted in Prior Years That are Outstanding and Unvested" } } }, "auth_ref": ["r1155"] }, "dei_CityAreaCode": { "xbrltype": "normalizedStringItemType", "nsuri": "http://xbrl.sec.gov/dei/2024", "localname": "CityAreaCode", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/Role_DocumentDocumentAndEntityInformation"], "lang": { "en-us": { "role": { "terseLabel": "City Area Code", "label": "City Area Code", "documentation": "Area code of city" } } }, "auth_ref": [] }, "us-gaap_ClassOfStockDomain": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ClassOfStockDomain", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/DisclosureAcquisitionsAndDivestituresAdditionalInformationDetail", "http://www.alcoa.com/20240630/taxonomy/role/Role_DocumentDocumentAndEntityInformation"], "lang": { "en-us": { "role": { "label": "Class of Stock [Domain]", "documentation": "Share of stock differentiated by the voting rights the holder receives. Examples include, but are not limited to, common stock, redeemable preferred stock, nonredeemable preferred stock, and convertible stock." } } }, "auth_ref": ["r182", "r197", "r198", "r199", "r236", "r263", "r267", "r269", "r271", "r278", "r279", "r359", "r440", "r443", "r444", "r445", "r449", "r450", "r478", "r479", "r480", "r481", "r483", "r706", "r879", "r880", "r881", "r882", "r887", "r888", "r889", "r890", "r891", "r892", "r893", "r894", "r895", "r896", "r897", "r898", "r918", "r939", "r958", "r986", "r987", "r988", "r989", "r990", "r1199", "r1237", "r1250"] }, "aa_ClosedLakeCharlesAnodeFacilityMember": { "xbrltype": "domainItemType", "nsuri": "http://www.alcoa.com/20240630", "localname": "ClosedLakeCharlesAnodeFacilityMember", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/DisclosureAssetRetirementObligationsAdditionalInformationDetail"], "lang": { "en-us": { "role": { "documentation": "Closed lake charles anode facility.", "label": "Closed Lake Charles Anode Facility [Member]", "terseLabel": "Closed Lake Charles Anode Facility [Member]" } } }, "auth_ref": [] }, "aa_ClosureCostMember": { "xbrltype": "domainItemType", "nsuri": "http://www.alcoa.com/20240630", "localname": "ClosureCostMember", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureRestructuringAndOtherChargesNetAdditionalInformationDetail"], "lang": { "en-us": { "role": { "documentation": "Closure Cost", "label": "Closure Cost [Member]", "terseLabel": "Closure Cost [Member]" } } }, "auth_ref": [] }, "ecd_CoSelectedMeasureAmt": { "xbrltype": "decimalItemType", "nsuri": "http://xbrl.sec.gov/ecd/2024", "localname": "CoSelectedMeasureAmt", "presentation": ["http://xbrl.sec.gov/ecd/role/PvpDisclosure"], "lang": { "en-us": { "role": { "label": "Company Selected Measure Amount", "terseLabel": "Company Selected Measure Amount" } } }, "auth_ref": ["r1161"] }, "ecd_CoSelectedMeasureName": { "xbrltype": "normalizedStringItemType", "nsuri": "http://xbrl.sec.gov/ecd/2024", "localname": "CoSelectedMeasureName", "presentation": ["http://xbrl.sec.gov/ecd/role/PvpDisclosure"], "lang": { "en-us": { "role": { "label": "Company Selected Measure Name", "terseLabel": "Company Selected Measure Name" } } }, "auth_ref": ["r1161"] }, "us-gaap_CommitmentsAndContingencies": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "CommitmentsAndContingencies", "crdr": "credit", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/Role_StatementConsolidatedBalanceSheetUnaudited"], "lang": { "en-us": { "role": { "terseLabel": "CONTINGENCIES AND COMMITMENTS (O)", "label": "Commitments and Contingencies", "documentation": "Represents the caption on the face of the balance sheet to indicate that the entity has entered into (1) purchase or supply arrangements that will require expending a portion of its resources to meet the terms thereof, and (2) is exposed to potential losses or, less frequently, gains, arising from (a) possible claims against a company's resources due to future performance under contract terms, and (b) possible losses or likely gains from uncertainties that will ultimately be resolved when one or more future events that are deemed likely to occur do occur or fail to occur." } } }, "auth_ref": ["r105", "r160", "r824", "r917"] }, "us-gaap_CommitmentsAndContingenciesDisclosureAbstract": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "CommitmentsAndContingenciesDisclosureAbstract", "lang": { "en-us": { "role": { "label": "Commitments and Contingencies Disclosure [Abstract]" } } }, "auth_ref": [] }, "us-gaap_CommitmentsAndContingenciesDisclosureTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "CommitmentsAndContingenciesDisclosureTextBlock", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/DisclosureContingencies1"], "lang": { "en-us": { "role": { "terseLabel": "Contingencies", "label": "Commitments and Contingencies Disclosure [Text Block]", "documentation": "The entire disclosure for commitments and contingencies." } } }, "auth_ref": ["r143", "r429", "r430", "r993", "r1279", "r1290"] }, "aa_CommitmentsForCapitalImprovementCosts": { "xbrltype": "monetaryItemType", "nsuri": "http://www.alcoa.com/20240630", "localname": "CommitmentsForCapitalImprovementCosts", "crdr": "debit", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureRestructuringAndOtherChargesNetAdditionalInformationDetail"], "lang": { "en-us": { "role": { "terseLabel": "Commitments for Capital Improvement Costs", "label": "Commitments For Capital Improvement Costs", "documentation": "Commitment for capital improvement costs." } } }, "auth_ref": [] }, "aa_CommodityBuyForwardsMember": { "xbrltype": "domainItemType", "nsuri": "http://www.alcoa.com/20240630", "localname": "CommodityBuyForwardsMember", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureDerivativesAndOtherFinancialInstrumentsScheduleOfOutstandingQuantitiesOfDerivativeInstrumentsDetail"], "lang": { "en-us": { "role": { "terseLabel": "Commodity Buy Forwards [Member]", "label": "Commodity Buy Forwards [Member]", "documentation": "Commodity Buy Forwards." } } }, "auth_ref": [] }, "us-gaap_CommodityContractMember": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "CommodityContractMember", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureDerivativesAndOtherFinancialInstrumentsAdditionalInformationDetail", "http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureDerivativesAndOtherFinancialInstrumentsScheduleOfOutstandingQuantitiesOfDerivativeInstrumentsDetail"], "lang": { "en-us": { "role": { "terseLabel": "Commodity Contract", "label": "Commodity Contract [Member]", "documentation": "Derivative instrument whose primary underlying risk is tied to commodity prices." } } }, "auth_ref": ["r1053", "r1068"] }, "aa_CommoditySellForwardsMember": { "xbrltype": "domainItemType", "nsuri": "http://www.alcoa.com/20240630", "localname": "CommoditySellForwardsMember", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureDerivativesAndOtherFinancialInstrumentsScheduleOfOutstandingQuantitiesOfDerivativeInstrumentsDetail"], "lang": { "en-us": { "role": { "terseLabel": "Commodity Sell Forwards [Member]", "label": "Commodity Sell Forwards [Member]", "documentation": "Commodity Sell Forwards." } } }, "auth_ref": [] }, "us-gaap_CommonStockDividendsPerShareCashPaid": { "xbrltype": "perShareItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "CommonStockDividendsPerShareCashPaid", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/Role_StatementStatementOfChangesInConsolidatedEquityUnauditedParenthetical"], "lang": { "en-us": { "role": { "terseLabel": "Common stock dividends per share", "label": "Common Stock, Dividends, Per Share, Cash Paid", "documentation": "Aggregate dividends paid during the period for each share of common stock outstanding." } } }, "auth_ref": ["r147"] }, "us-gaap_CommonStockMember": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "CommonStockMember", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/Role_StatementStatementOfChangesInConsolidatedEquityUnaudited"], "lang": { "en-us": { "role": { "terseLabel": "Common Stock [Member]", "label": "Common Stock [Member]", "documentation": "Stock that is subordinate to all other stock of the issuer." } } }, "auth_ref": ["r102", "r1103", "r1104", "r1106", "r1107", "r1108", "r1109", "r1242", "r1243", "r1246", "r1379", "r1452", "r1454"] }, "aa_CommonStockParValueZeroPointZeroOnePerShareMember": { "xbrltype": "domainItemType", "nsuri": "http://www.alcoa.com/20240630", "localname": "CommonStockParValueZeroPointZeroOnePerShareMember", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/Role_DocumentDocumentAndEntityInformation"], "lang": { "en-us": { "role": { "terseLabel": "Common Stock, Par Value $0.01 Per Share [Member]", "label": "Common Stock, Par Value Zero Point Zero One Per Share [Member]", "documentation": "Common stock, par value zero point zero one per share." } } }, "auth_ref": [] }, "us-gaap_CommonStockValue": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "CommonStockValue", "crdr": "credit", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/Role_StatementConsolidatedBalanceSheetUnaudited"], "lang": { "en-us": { "role": { "terseLabel": "Common stock", "label": "Common Stock, Value, Issued", "documentation": "Aggregate par or stated value of issued nonredeemable common stock (or common stock redeemable solely at the option of the issuer). This item includes treasury stock repurchased by the entity. Note: elements for number of nonredeemable common shares, par value and other disclosure concepts are in another section within stockholders' equity." } } }, "auth_ref": ["r108", "r825", "r1081"] }, "ecd_CompActuallyPaidVsCoSelectedMeasureTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://xbrl.sec.gov/ecd/2024", "localname": "CompActuallyPaidVsCoSelectedMeasureTextBlock", "presentation": ["http://xbrl.sec.gov/ecd/role/PvpDisclosure"], "lang": { "en-us": { "role": { "label": "Compensation Actually Paid vs. Company Selected Measure [Text Block]", "terseLabel": "Compensation Actually Paid vs. Company Selected Measure" } } }, "auth_ref": ["r1166"] }, "ecd_CompActuallyPaidVsNetIncomeTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://xbrl.sec.gov/ecd/2024", "localname": "CompActuallyPaidVsNetIncomeTextBlock", "presentation": ["http://xbrl.sec.gov/ecd/role/PvpDisclosure"], "lang": { "en-us": { "role": { "label": "Compensation Actually Paid vs. Net Income [Text Block]", "terseLabel": "Compensation Actually Paid vs. Net Income" } } }, "auth_ref": ["r1165"] }, "ecd_CompActuallyPaidVsOtherMeasureTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://xbrl.sec.gov/ecd/2024", "localname": "CompActuallyPaidVsOtherMeasureTextBlock", "presentation": ["http://xbrl.sec.gov/ecd/role/PvpDisclosure"], "lang": { "en-us": { "role": { "label": "Compensation Actually Paid vs. Other Measure [Text Block]", "terseLabel": "Compensation Actually Paid vs. Other Measure" } } }, "auth_ref": ["r1167"] }, "ecd_CompActuallyPaidVsTotalShareholderRtnTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://xbrl.sec.gov/ecd/2024", "localname": "CompActuallyPaidVsTotalShareholderRtnTextBlock", "presentation": ["http://xbrl.sec.gov/ecd/role/PvpDisclosure"], "lang": { "en-us": { "role": { "label": "Compensation Actually Paid vs. Total Shareholder Return [Text Block]", "terseLabel": "Compensation Actually Paid vs. Total Shareholder Return" } } }, "auth_ref": ["r1164"] }, "us-gaap_CompensationAndRetirementDisclosureAbstract": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "CompensationAndRetirementDisclosureAbstract", "lang": { "en-us": { "role": { "label": "Retirement Benefits [Abstract]" } } }, "auth_ref": [] }, "us-gaap_ComprehensiveIncomeNetOfTax": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ComprehensiveIncomeNetOfTax", "crdr": "credit", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/Role_StatementStatementOfConsolidatedComprehensiveIncomeUnaudited"], "lang": { "en-us": { "role": { "label": "Comprehensive Income (Loss), Net of Tax, Attributable to Parent", "totalLabel": "Comprehensive (loss) income , Alcoa Corporation", "documentation":

"Amount after tax of increase (decrease) in equity from transactions and other events and circumstances from net income and other comprehensive income, attributable to parent entity. Excludes changes in equity resulting from investments by owners and distributions to owners." } } }, "auth_ref": ["r31", "r216", "r218", "r226", "r817", "r840", "r842"] }, "us-gaap_ComprehensiveIncomeNetOfTaxAttributableToNoncontrollingInterest": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ComprehensiveIncomeNetOfTaxAttributableToNoncontrollingInterest", "crdr": "debit", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/Role_StatementStatementOfConsolidatedComprehensiveIncomeUnaudited"], "lang": { "en-us": { "role": { "totalLabel": "Comprehensive Income (Loss), Net of Tax, Attributable to Noncontrolling Interest, Total", "label": "Comprehensive Income (Loss), Net of Tax, Attributable to Noncontrolling Interest", "terseLabel": "Comprehensive (loss) income , Noncontrolling interest", "documentation": "Amount after tax of increase (decrease) in equity from transactions and other events and circumstances from net income (loss) and other comprehensive income (loss), attributable to noncontrolling interests. Excludes changes in equity resulting from investments by owners and distributions to owners." } } }, "auth_ref": ["r12", "r69", "r73", "r216", "r218", "r225", "r816", "r840", "r841"] }, "us-gaap_ComprehensiveIncomeNetOfTaxIncludingPortionAttributableToNoncontrollingInterest": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ComprehensiveIncomeNetOfTaxIncludingPortionAttributableToNoncontrollingInterest", "crdr": "credit", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/Role_StatementStatementOfConsolidatedComprehensiveIncomeUnaudited"], "lang": { "en-us": { "role": { "totalLabel": "Comprehensive Income (Loss), Net of Tax, Including Portion Attributable to Noncontrolling Interest, Total", "label": "Comprehensive Income (Loss), Net of Tax, Including Portion Attributable to Noncontrolling Interest", "terseLabel": "Comprehensive (loss) income", "documentation": "Amount after tax of increase (decrease) in equity from transactions and other events and circumstances from net income and other comprehensive income. Excludes changes in equity resulting from investments by owners and distributions to owners." } } }, "auth_ref": ["r73", "r152", "r216", "r218", "r224", "r815", "r840"] }, "us-gaap_ComprehensiveIncomeNoteTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ComprehensiveIncomeNoteTextBlock", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/DisclosureAccumulatedOtherComprehensiveLoss"], "lang": { "en-us": { "role": { "terseLabel": "Accumulated Other Comprehensive Loss", "label": "Comprehensive Income (Loss) Note [Text Block]", "documentation": "The entire disclosure for comprehensive income, which includes, but is not limited to, 1) the amount of income tax expense or benefit allocated to each component of other comprehensive income, including reclassification adjustments, 2) the reclassification adjustments for each classification of other comprehensive income and 3) the ending accumulated balances for each component of comprehensive income." } } }, "auth_ref": ["r119", "r223", "r814", "r838"] }, "srt_ConsolidatedEntitiesAxis": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/srt/2024", "localname": "ConsolidatedEntitiesAxis", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/DisclosureContingenciesAdditionalInformation1Detail"], "lang": { "en-us": { "role": { "terseLabel": "Consolidated Entities", "label": "Consolidated Entities [Axis]" } } }, "auth_ref": ["r238", "r648", "r649", "r652", "r653", "r735", "r998", "r1299", "r1302", "r1303"] }, "srt_ConsolidatedEntitiesDomain": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/srt/2024", "localname": "ConsolidatedEntitiesDomain", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/DisclosureContingenciesAdditionalInformation1Detail"], "lang": { "en-us": { "role": { "terseLabel": "Consolidated Entities", "label": "Consolidated Entities [Domain]" } } }, "auth_ref": ["r238", "r648", "r649", "r652", "r653", "r735", "r998", "r1299", "r1302", "r1303"] }, "srt_ConsolidationItemsAxis": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/srt/2024", "localname": "ConsolidationItemsAxis", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/DisclosureSegmentInformationScheduleOfSegmentAdjustedEbitdaToConsolidatedNetIncomeLossAttributableToAlcoaCorporatio "http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureRestructuringAndOtherChargesNetScheduleOfRestructuringAndOtherChargesNetByReportableSegmentsPretax "http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureSegmentInformationScheduleOfOperatingResultsOfAlcoaSReportableSegmentsDetail", "lang": { "en-us": { "role": { "terseLabel": "Consolidation Items", "label": "Consolidation Items [Axis]" } } }, "auth_ref": ["r169", "r238", "r276", "r286", "r301", "r302", "r303", "r304", "r305", "r307", "r308", "r309", "r440", "r441", "r442", "r443", "r445", "r446", "r447", "r448", "r449", "r1025", "r1026", "r1300", "r1301"] }, "srt_ConsolidationItemsDomain": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/srt/2024", "localname": "ConsolidationItemsDomain", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/DisclosureSegmentInformationScheduleOfSegmentAdjustedEbitdaToConsolidatedNetIncomeLossAttributableToAlcoaCorporatio "http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureRestructuringAndOtherChargesNetScheduleOfRestructuringAndOtherChargesNetByReportableSegmentsPretax "http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureSegmentInformationScheduleOfOperatingResultsOfAlcoaSReportableSegmentsDetail", "lang": { "en-us": { "role": { "terseLabel": "Consolidation Items", "label": "Consolidation Items [Domain]" } } }, "auth_ref": ["r169", "r238", "r276", "r286", "r301", "r302", "r303", "r304", "r305", "r307", "r308", "r309", "r440", "r441", "r442", "r443", "r445", "r446", "r447", "r448", "r449", "r1025", "r1026", "r1300", "r1301"] }, "us-gaap_ConsolidationPolicyTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ConsolidationPolicyTextBlock", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureBasisOfPresentationPolicies"], "lang": { "en-us": { "role": { "terseLabel": "Principles of Consolidation", "label": "Consolidation, Policy [Policy Text Block]", "documentation": "Disclosure of accounting policy regarding (1) the principles it follows in consolidating or combining the separate financial statements, including the principles followed in determining the inclusion or exclusion of subsidiaries or other entities in the consolidated or combined financial statements and (2) its treatment of interests (for example, common stock, a partnership interest or other means of exerting influence) in other entities, for example consolidation or use of the equity or cost methods of accounting. The accounting policy may also address the accounting treatment for intercompany accounts and transactions, noncontrolling interest, and the income statement treatment in consolidation for issuances of stock by a subsidiary." } } }, "auth_ref": ["r70", "r1017"] }, "aa_ContractTerminationCost": { "xbrltype": "monetaryItemType", "nsuri": "http://www.alcoa.com/20240630", "localname": "ContractTerminationCost", "crdr": "debit", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureRestructuringAndOtherChargesNetAdditionalInformationDetail"], "lang": { "en-us": { "role": { "terseLabel": "Contract termination cost", "label": "Contract Termination Cost", "documentation": "Contract Termination Cost" } } }, "auth_ref": [] }, "us-gaap_ContractWithCustomerDurationAxis": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ContractWithCustomerDurationAxis", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureDerivativesAndOtherFinancialInstrumentsScheduleOfQuantitativeInformationForLevel3DerivativeContractsDeta], "lang": { "en-us": { "role": { "label": "Contract with Customer, Duration [Axis]", "documentation": "Information by duration of contract with customer. Includes, but is not limited to, short-term and long-term contracts." } } }, "auth_ref": ["r1050", "r1305"] }, "us-gaap_ContractWithCustomerDurationDomain": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ContractWithCustomerDurationDomain", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureDerivativesAndOtherFinancialInstrumentsScheduleOfQuantitativeInformationForLevel3DerivativeContractsDeta], "lang": { "en-us": { "role": { "label": "Contract with Customer, Duration [Domain]", "documentation": "Duration of contract with customer. Includes, but is not limited to, short-term and long-term contracts." } } }, "auth_ref": ["r1050", "r1305"] }, "us-gaap_CorporateMember": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "CorporateMember", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/DisclosureGoodwillSummaryOfGoodwillWhichIsIncludedInOtherNoncurrentAssetsDetail", "http://www.alcoa.com/20240630/taxonomy/role/DisclosureGoodwillSummaryOfGoodwillWhichIsIncludedInOtherNoncurrentAssetsParentheticalDetail"], "lang": { "en-us": { "role": { "terseLabel": "Corporate Segment [Member]", "label": "Corporate Segment [Member]", "documentation": "Component of an entity that usually provides financial, operational and administrative support and is considered an operating segment. Excludes intersegment elimination and reconciling items." } } }, "auth_ref": ["r1253"] }, "us-gaap_CorporateNonSegmentMember": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "CorporateNonSegmentMember", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureRestructuringAndOtherChargesNetScheduleOfRestructuringAndOtherChargesNetByReportableSegmentsPretax], "lang": { "en-us": { "role": { "terseLabel": "Corporate [Member]", "label": "Segment Reporting, Reconciling Item, Corporate Nonsegment [Member]", "documentation": "Corporate headquarters or functional department that may not earn revenues or may earn revenues that are only incidental to the activities of the entity and is not considered an operating segment." } } }, "auth_ref": ["r24", "r302", "r303", "r304", "r305", "r308", "r1255"] }, "us-gaap_CostOfGoodsAndServiceExcludingDepreciationDepletionAndAmortization": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "CostOfGoodsAndServiceExcludingDepreciationDepletionAndAmortization", "crdr": "debit", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/StatementStatementOfConsolidatedOperationsUnaudited1"], "lang": { "en-us": { "role": { "verboseLabel": "Cost of goods sold (exclusive of expenses below)", "label": "Cost of Goods and Service, Excluding Depreciation, Depletion, and Amortization", "totalLabel": "Cost of Goods and Service, Excluding Depreciation, Depletion, and Amortization, Total", "documentation": "Cost of product sold and service rendered, excluding depreciation, depletion, and amortization." } } }, "auth_ref": ["r1211", "r1212"] }, "us-gaap_CostOfRevenue": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "CostOfRevenue", "crdr": "debit", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureInvestmentsSummaryOfUnauditedFinancialInformationForAlcoaCorporationSEquityInvestmentsDetail"], "lang": { "en-us": { "role": { "totalLabel": "Cost of Revenue, Total", "terseLabel": "Cost of goods sold", "label": "Cost of Revenue", "documentation": "The aggregate cost of goods produced and sold and services rendered during the reporting period." } } }, "auth_ref": ["r124", "r236", "r359", "r440", "r441", "r443", "r444", "r445", "r446", "r447", "r449", "r450", "r706", "r1025", "r1300"] }, "us-gaap_CostOfSalesMember": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "CostOfSalesMember", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/DisclosureAccumulatedOtherComprehensiveLossSummaryOfChangesInAccumulatedOtherComprehensiveLossIncomeByCompon "http://www.alcoa.com/20240630/taxonomy/role/DisclosureAssetRetirementObligationsAdditionalInformationDetail", "http://www.alcoa.com/20240630/taxonomy/role/DisclosureDerivativesAndOtherFinancialInstrumentsAdditionalInformationDetail", "http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureDerivativesAndOtherFinancialInstrumentsScheduleOfReconciliationOfActivityForDerivativeContractsDetail", "http://www.alcoa.com/20240630/taxonomy/role/DisclosureIncomeTaxesAdditionalInformationDetail", "http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureRestructuringAndOtherChargesNetAdditionalInformationDetail"], "lang": { "en-us": { "role": { "terseLabel": "Cost of Goods Sold [Member]", "label": "Cost of Sales [Member]", "documentation": "Primary financial statement caption encompassing cost of sales." } } }, "auth_ref": [] }, "aa_CostsAndOperatingExpensesAndNonoperatingIncomeExpenses": { "xbrltype": "monetaryItemType", "nsuri": "http://www.alcoa.com/20240630", "localname": "CostsAndOperatingExpensesAndNonoperatingIncomeExpenses", "crdr": "debit", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/StatementStatementOfConsolidatedOperationsUnaudited1"], "lang": { "en-us": { "role": { "totalLabel": "Total costs and expenses", "label": "Costs And Operating Expenses And Nonoperating Income Expenses", "documentation": "The total costs of sales, operating expenses, and nonoperating expenses/income." } } }, "auth_ref": [] }, "us-gaap_CostsIncurredAssetRetirementObligationIncurred": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "CostsIncurredAssetRetirementObligationIncurred", "crdr": "debit", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/DisclosureAssetRetirementObligationsAdditionalInformationDetail"], "lang": { "en-us": { "role": { "terseLabel": "Additional asset retirement obligation liabilities incurred", "label": "Oil and Gas, Cost Incurred, Asset Retirement Obligation", "documentation": "Amount of asset retirement obligation (ARO) cost incurred in oil- and gas-producing activities. Includes capitalized cost and cost charged to expense." } } }, "auth_ref": ["r1415"] }, "dei_CoverAbstract": { "xbrltype": "stringItemType", "nsuri": "http://xbrl.sec.gov/dei/2024", "localname": "CoverAbstract", "lang": { "en-us": { "role": { "label": "Cover [Abstract]", "documentation": "Cover page." } } }, "auth_ref": [] }, "us-gaap_CreditFacilityAxis": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "CreditFacilityAxis", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/DisclosureDebtAdditionalInformationDetail"], "lang": { "en-us": { "role": { "terseLabel": "Credit Facility", "label": "Credit Facility [Axis]", "documentation": "Information by type of credit facility. Credit facilities provide capital to borrowers without the need to structure a loan for each borrowing." } } }, "auth_ref": ["r439", "r1297"] }, "us-gaap_CreditFacilityDomain": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "CreditFacilityDomain", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/DisclosureDebtAdditionalInformationDetail"], "lang": { "en-us": { "role": { "terseLabel": "Credit Facility", "label": "Credit Facility [Domain]", "documentation": "Type of credit facility. Credit facilities provide capital to borrowers without the need to structure a loan for each borrowing." } } }, "auth_ref": ["r439", "r1297", "r1298"] }, "srt_CurrencyAxis": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/srt/2024", "localname": "CurrencyAxis", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureDerivativesAndOtherFinancialInstrumentsAdditionalInformationDetail"], "lang": { "en-us": { "role": { "label": "Currency [Axis]" } } }, "auth_ref": ["r1399"] }, "aa_CurrentAssetsMember": { "xbrltype": "domainItemType", "nsuri": "http://www.alcoa.com/20240630", "localname": "CurrentAssetsMember", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureDerivativesAndOtherFinancialInstrumentsScheduleOfFairValuesOfLevel3DerivativeInstrumentsRecordedAsAsse], "lang": { "en-us": { "role": { "terseLabel": "Fair Value of Derivative Contracts - Current [Member]", "label": "Current Assets [Member]", "documentation": "Current assets." } } }, "auth_ref": [] }, "dei_CurrentFiscalYearEndDate": { "xbrltype": "gMonthDayItemType", "nsuri": "http://xbrl.sec.gov/dei/2024", "localname": "CurrentFiscalYearEndDate", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/Role_DocumentDocumentAndEntityInformation"], "lang": { "en-us": { "role": { "terseLabel": "Current Fiscal Year End Date", "label": "Current Fiscal Year End Date", "documentation": "End date of current fiscal year in the format --MM-DD." } } }, "auth_ref": [] },

"aa_CurrentLiabilitiesMember": { "xbrltype": "domainItemType", "nsuri": "http://www.alcoa.com/20240630", "localname": "CurrentLiabilitiesMember", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureDerivativesAndOtherFinancialInstrumentsScheduleOfFairValuesOfLevel3DerivativeInstrumentsRecordedAsAsse], "lang": { "en-us": { "role": { "verboseLabel": "Fair Value of Derivative Contracts - Current [Member]", "label": "Current Liabilities [Member]", "documentation": "Current liabilities." } } }, "auth_ref": [], "us-gaap_DebtDisclosureAbstract": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "DebtDisclosureAbstract", "lang": { "en-us": { "role": { "label": "Debt Disclosure [Abstract]" } } }, "auth_ref": [] }, "us-gaap_DebtDisclosureTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "DebtDisclosureTextBlock", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureDebt"], "lang": { "en-us": { "role": { "terseLabel": "Debt", "label": "Debt Disclosure [Text Block]", "documentation": "The entire disclosure for information about short-term and long-term debt arrangements, which includes amounts of borrowings under each line of credit, note payable, commercial paper issue, bonds indenture, debenture issue, own-share lending arrangements and any other contractual agreement to repay funds, and about the underlying arrangements, rationale for a classification as long-term, including repayment terms, interest rates, collateral provided, restrictions on use of assets and activities, whether or not in compliance with debt covenants, and other matters important to users of the financial statements, such as the effects of refinancing and noncompliance with debt covenants." } }, "auth_ref": ["r144", "r235", "r406", "r407", "r408", "r409", "r410", "r438", "r439", "r451", "r457", "r458", "r459", "r460", "r461", "r462", "r467", "r474", "r475", "r477", "r721"] }, "us-gaap_DebtInstrumentAxis": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "DebtInstrumentAxis", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/DisclosureDebtAdditionalInformationDetail"], "lang": { "en-us": { "role": { "label": "Debt Instrument [Axis]", "documentation": "Information by type of debt instrument, including, but not limited to, draws against credit facilities." } } }, "auth_ref": ["r27", "r98", "r99", "r157", "r159", "r238", "r452", "r453", "r454", "r455", "r456", "r458", "r463", "r464", "r465", "r466", "r468", "r469", "r470", "r471", "r472", "r473", "r1040", "r1041", "r1042", "r1043", "r1044", "r1080", "r1238", "r1280", "r1281", "r1282", "r1400", "r1401"] }, "us-gaap_DebtInstrumentDateOfFirstRequiredPayment1": { "xbrltype": "dateItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "DebtInstrumentDateOfFirstRequiredPayment1", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/DisclosureDebtAdditionalInformationDetail"], "lang": { "en-us": { "role": { "terseLabel": "Debt instrument, date of first required payment", "label": "Debt Instrument, Date of First Required Payment", "documentation": "Date the debt agreement requires the first payment to be made, in YYYY-MM-DD format." } } }, "auth_ref": ["r27", "r93"] }, "us-gaap_DebtInstrumentFaceAmount": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "DebtInstrumentFaceAmount", "crdr": "credit", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/DisclosureDebtAdditionalInformationDetail"], "lang": { "en-us": { "role": { "terseLabel": "Letters of credit", "label": "Debt Instrument, Face Amount", "documentation": "Face (par) amount of debt instrument at time of issuance." } } }, "auth_ref": ["r452", "r721", "r722", "r1041", "r1042", "r1080"] }, "us-gaap_DebtInstrumentFairValue": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "DebtInstrumentFairValue", "crdr": "credit", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureDerivativesAndOtherFinancialInstrumentsScheduleOfCarryingValuesAndFairValuesOfOtherFinancialInstrument], "lang": { "en-us": { "role": { "totalLabel": "Debt Instrument, Fair Value Disclosure, Total", "terseLabel": "Long-term debt due within one year", "label": "Debt Instrument, Fair Value Disclosure", "documentation": "Fair value portion of debt instrument payable, including, but not limited to, notes payable and loans payable." } } }, "auth_ref": ["r465", "r705", "r1041", "r1042", "r1382", "r1383", "r1384", "r1385", "r1392"] }, "us-gaap_DebtInstrumentFrequencyOfPeriodicPayment": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "DebtInstrumentFrequencyOfPeriodicPayment", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/DisclosureDebtAdditionalInformationDetail"], "lang": { "en-us": { "role": { "terseLabel": "Debt instrument, frequency of periodic payment", "label": "Debt Instrument, Frequency of Periodic Payment", "documentation": "Description of the frequency of periodic payments (monthly, quarterly, annual)." } }, "auth_ref": ["r27", "r93"] }, "us-gaap_DebtInstrumentInterestRateStatedPercentage": { "xbrltype": "percentItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "DebtInstrumentInterestRateStatedPercentage", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/DisclosureDebtAdditionalInformationDetail"], "lang": { "en-us": { "role": { "terseLabel": "Senior notes, interest percentage", "label": "Debt Instrument, Interest Rate, Stated Percentage", "documentation": "Contractual interest rate for funds borrowed, under the debt agreement." } } }, "auth_ref": ["r101", "r453"] }, "us-gaap_DebtInstrumentLineItems": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "DebtInstrumentLineItems", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/DisclosureDebtAdditionalInformationDetail"], "lang": { "en-us": { "role": { "terseLabel": "Debt Instrument [Line Items]", "label": "Debt Instrument [Line Items]", "documentation": "Line items represent financial concepts included in a table. These concepts are used to disclose reportable information associated with domain members defined in one or many axes to the table." } } }, "auth_ref": ["r238", "r452", "r453", "r454", "r455", "r456", "r458", "r463", "r464", "r465", "r466", "r468", "r469", "r470", "r471", "r472", "r473", "r476", "r1040", "r1041", "r1042", "r1043", "r1044", "r1080", "r1238", "r1400", "r1401"] }, "us-gaap_DebtInstrumentNameDomain": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "DebtInstrumentNameDomain", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/DisclosureDebtAdditionalInformationDetail"], "lang": { "en-us": { "role": { "label": "Debt Instrument, Name [Domain]", "documentation": "The name for the particular debt instrument or borrowing that distinguishes it from other debt instruments or borrowings, including draws against credit facilities." } } }, "auth_ref": ["r27", "r238", "r452", "r453", "r454", "r455", "r456", "r458", "r463", "r464", "r465", "r466", "r468", "r469", "r470", "r471", "r472", "r473", "r1040", "r1041", "r1042", "r1043", "r1044", "r1080", "r1238", "r1280", "r1281", "r1282", "r1400", "r1401"] }, "aa_DebtInstrumentRedemptionPeriod": { "xbrltype": "durationItemType", "nsuri": "http://www.alcoa.com/20240630", "localname": "DebtInstrumentRedemptionPeriod", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/DisclosureDebtAdditionalInformationDetail"], "lang": { "en-us": { "role": { "documentation": "Debt instrument redemption period.", "label": "Debt Instrument Redemption Period", "terseLabel": "Debt instrument redemption period" } } }, "auth_ref": [] }, "us-gaap_DebtInstrumentRedemptionPeriodAxis": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "DebtInstrumentRedemptionPeriodAxis", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/DisclosureDebtAdditionalInformationDetail"], "lang": { "en-us": { "role": { "label": "Debt Instrument, Redemption, Period [Axis]", "documentation": "Information by period of debt redemption feature under terms of debt agreement." } } }, "auth_ref": ["r166"] }, "us-gaap_DebtInstrumentRedemptionPeriodDomain": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "DebtInstrumentRedemptionPeriodDomain", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/DisclosureDebtAdditionalInformationDetail"], "lang": { "en-us": { "role": { "label": "Debt Instrument, Redemption, Period [Domain]", "documentation": "Period as defined under terms of the debt agreement for debt redemption features." } } }, "auth_ref": ["r166"] }, "us-gaap_DebtInstrumentRedemptionPeriodThreeMember": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "DebtInstrumentRedemptionPeriodThreeMember", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/DisclosureDebtAdditionalInformationDetail"], "lang": { "en-us": { "role": { "terseLabel": "After March 15, 2027 [Member]", "label": "Debt Instrument, Redemption, Period Three [Member]", "documentation": "Period three representing third most current period of debt redemption features under terms of the debt agreement." } } }, "auth_ref": ["r166"] }, "us-gaap_DebtInstrumentRedemptionPeriodTwoMember": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "DebtInstrumentRedemptionPeriodTwoMember", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/DisclosureDebtAdditionalInformationDetail"], "lang": { "en-us": { "role": { "terseLabel": "Change in Control [Member]", "label": "Debt Instrument, Redemption, Period Two [Member]", "documentation": "Period two representing second most current period of debt redemption features under terms of the debt agreement." } } }, "auth_ref": ["r166"] }, "us-gaap_DebtInstrumentRedemptionPricePercentage": { "xbrltype": "percentItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "DebtInstrumentRedemptionPricePercentage", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/DisclosureDebtAdditionalInformationDetail"], "lang": { "en-us": { "role": { "terseLabel": "Debt instrument redemption price percentage", "label": "Debt Instrument, Redemption Price, Percentage", "documentation": "Percentage price of original principal amount of debt at which debt can be redeemed by the issuer." } } }, "auth_ref": ["r166"] }, "us-gaap_DebtInstrumentTable": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "DebtInstrumentTable", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/DisclosureDebtAdditionalInformationDetail"], "lang": { "en-us": { "role": { "terseLabel": "Debt Instrument [Table]", "label": "Schedule of Long-Term Debt Instruments [Table]", "documentation": "Disclosure of information about long-term debt instrument or arrangement." } } }, "auth_ref": ["r27", "r54", "r55", "r92", "r145", "r146", "r238", "r452", "r453", "r454", "r455", "r456", "r458", "r463", "r464", "r465", "r466", "r468", "r469", "r470", "r471", "r472", "r473", "r476", "r1040", "r1041", "r1042", "r1043", "r1044", "r1080", "r1238", "r1400", "r1401"] }, "us-gaap_DeferredCosts": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "DeferredCosts", "crdr": "debit", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/DisclosureOtherFinancialInformationScheduleOfOtherNoncurrentAssetsDetail"], "lang": { "en-us": { "role": { "terseLabel": "Deferred mining costs, net", "label": "Deferred Costs, Noncurrent", "totalLabel": "Deferred Costs, Noncurrent, Total", "documentation": "Amount of deferred cost, excluding capitalized cost related to contract with customer; classified as noncurrent." } } }, "auth_ref": ["r155", "r1222"] }, "us-gaap_DeferredCreditsAndOtherLiabilitiesNoncurrent": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "DeferredCreditsAndOtherLiabilitiesNoncurrent", "crdr": "credit", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/DisclosureContingenciesAdditionalInformation1Detail"], "lang": { "en-us": { "role": { "terseLabel": "Other noncurrent liabilities and deferred credits", "label": "Deferred Credits and Other Liabilities, Noncurrent", "documentation": "Carrying amount as of the balance sheet date of unearned revenue or income, not otherwise specified in the taxonomy, which is expected to be taken into income after one year or beyond the normal operating cycle, if longer and noncurrent obligations not separately disclosed in the balance sheet (other liabilities, noncurrent)." } } }, "auth_ref": [] }, "us-gaap_DeferredIncomeTaxAssetsNet": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "DeferredIncomeTaxAssetsNet", "crdr": "debit", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/Role_StatementConsolidatedBalanceSheetUnaudited"], "lang": { "en-us": { "role": { "terseLabel": "Deferred income taxes", "label": "Deferred Income Tax Assets, Net", "documentation": "Amount, after allocation of valuation allowances and deferred tax liability, of deferred tax asset attributable to deductible differences and carryforwards, with jurisdictional netting." } } }, "auth_ref": ["r605", "r606"] }, "us-gaap_DeferredIncomeTaxExpenseBenefit": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "DeferredIncomeTaxExpenseBenefit", "crdr": "debit", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/StatementStatementOfConsolidatedCashFlowsUnaudited"], "lang": { "en-us": { "role": { "totalLabel": "Deferred Income Tax Expense (Benefit), Total", "terseLabel": "Deferred income taxes", "label": "Deferred Income Tax Expense (Benefit)", "documentation": "Amount of deferred income tax expense (benefit) pertaining to income (loss) from continuing operations." } } }, "auth_ref": ["r15", "r176", "r1240"] }, "us-gaap_DeferredTaxAssetsGross": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "DeferredTaxAssetsGross", "crdr": "debit", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/DisclosureAcquisitionsAndDivestituresAdditionalInformationDetail"], "lang": { "en-us": { "role": { "terseLabel": "Deferred tax assets", "label": "Deferred Tax Assets, Gross", "totalLabel": "Deferred Tax Assets, Gross, Total", "documentation": "Amount before allocation of valuation allowances of deferred tax asset attributable to deductible temporary differences and carryforwards." } } }, "auth_ref": ["r616"] }, "us-gaap_DeferredTaxAssetsNet": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "DeferredTaxAssetsNet", "crdr": "debit", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureIncomeTaxesAdditionalInformationDetail"], "lang": { "en-us": { "role": { "terseLabel": "Deferred tax asset", "label": "Deferred Tax Assets, Net of Valuation Allowance", "totalLabel": "Deferred Tax Assets, Net of Valuation Allowance, Total", "documentation": "Amount after allocation of valuation allowances of deferred tax asset attributable to deductible temporary differences and carryforwards." } } }, "auth_ref": ["r1372"] }, "us-gaap_DefinedBenefitPensionPlanLiabilitiesNoncurrent": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "DefinedBenefitPensionPlanLiabilitiesNoncurrent", "crdr": "credit", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/Role_StatementConsolidatedBalanceSheetUnaudited"], "lang": { "en-us": { "role": { "terseLabel": "Accrued pension benefits (L)", "label": "Liability, Defined Benefit Pension Plan, Noncurrent", "documentation": "Amount of liability, recognized in statement of financial position, for defined benefit pension plan, classified as noncurrent. Excludes other postretirement benefit plan." } } }, "auth_ref": ["r56", "r57", "r104", "r148"], "aa_DefinedBenefitPensionPlansNetPeriodicBenefitCost": { "xbrltype": "monetaryItemType", "nsuri": "http://www.alcoa.com/20240630", "localname": "DefinedBenefitPensionPlansNetPeriodicBenefitCost", "crdr": "debit", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/StatementStatementOfConsolidatedCashFlowsUnaudited"], "lang": { "en-us": { "role": { "terseLabel": "Net periodic pension benefit cost (L)", "label": "Defined Benefit Pension Plans Net Periodic Benefit Cost", "documentation": "Defined benefit pension plans net periodic benefit cost." } } }, "auth_ref": [] }, "us-gaap_DefinedBenefitPlanAmortizationOfGainsLosses": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "DefinedBenefitPlanAmortizationOfGainsLosses", "crdr": "credit", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/DisclosurePensionAndOtherPostretirementBenefitsComponentsOfNetPeriodicBenefitCostDetail"], "lang": { "en-us": { "role": { "negatedLabel": "Recognized net actuarial loss", "label": "Defined Benefit Plan, Amortization of Gain (Loss)", "documentation": "Amount of gain (loss) recognized in net periodic benefit (cost) credit of defined benefit plan." } } }, "auth_ref": ["r490", "r528", "r553", "r1055", "r1056"] }, "us-gaap_DefinedBenefitPlanAmortizationOfPriorServiceCostCredit": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "DefinedBenefitPlanAmortizationOfPriorServiceCostCredit", "crdr": "debit", "presentation": [

"http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosurePensionAndOtherPostretirementBenefitsComponentsOfNetPeriodicBenefitCostDetail"], "lang": { "en-us": { "role": { "verboseLabel": "Amortization of prior service benefit", "terseLabel": "Amortization of prior service cost", "label": "Defined Benefit Plan, Amortization of Prior Service Cost (Credit)", "documentation": "Amount of prior service cost (credit) recognized in net periodic benefit cost (credit) of defined benefit plan." } } }, "auth_ref": ["r490", "r529", "r554", "r1055", "r1056"] }, "us-gaap_DefinedBenefitPlanAssumptionsUsedCalculatingBenefitObligationDiscountRate": { "xbrltype": "percentItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "DefinedBenefitPlanAssumptionsUsedCalculatingBenefitObligationDiscountRate", "presentation": [
"http://www.alcoa.com/20240630/taxonomy/role/DisclosurePensionAndOtherPostretirementBenefitsSummaryOfInformationInCurtailmentOrSettlementOfBenefitsRequiringRem], "lang": { "en-us": { "role": { "terseLabel": "Weighted average discount rate", "label": "Defined Benefit Plan, Assumptions Used Calculating Benefit Obligation, Discount Rate", "documentation": "Weighted average rate for present value of future retirement benefits cash flows, used to determine benefit obligation of defined benefit plan." } } }, "auth_ref": ["r534"] }, "us-gaap_DefinedBenefitPlanDisclosureLineItems": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "DefinedBenefitPlanDisclosureLineItems", "presentation": [
"http://www.alcoa.com/20240630/taxonomy/role/DisclosurePensionAndOtherPostretirementBenefitsSummaryOfInformationInCurtailmentOrSettlementOfBenefitsRequiringRem
"http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosurePensionAndOtherPostretirementBenefitsAdditionalInformationDetail",
"http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosurePensionAndOtherPostretirementBenefitsComponentsOfNetPeriodicBenefitCostDetail"], "lang": { "en-us": { "role": { "terseLabel": "Defined Benefit Plan Disclosure [Line Items]", "label": "Defined Benefit Plan Disclosure [Line Items]", "documentation": "Line items represent financial concepts included in a table. These concepts are used to disclose reportable information associated with domain members defined in one or many axes to the table." } } }, "auth_ref": [] }, "us-gaap_DefinedBenefitPlanExpectedReturnOnPlanAssets": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "DefinedBenefitPlanExpectedReturnOnPlanAssets", "crdr": "credit", "presentation": [
"http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosurePensionAndOtherPostretirementBenefitsComponentsOfNetPeriodicBenefitCostDetail"], "lang": { "en-us": { "role": { "negatedLabel": "Expected return on plan assets", "label": "Defined Benefit Plan, Expected Return (Loss) on Plan Assets", "documentation": "Amount of expected return (loss) recognized in net periodic benefit (cost) credit, calculated based on expected long-term rate of return and market-related value of plan assets of defined benefit plan." } } }, "auth_ref": ["r490", "r527", "r552", "r1055", "r1056"] }, "us-gaap_DefinedBenefitPlanInterestCost": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "DefinedBenefitPlanInterestCost", "crdr": "debit", "presentation": [
"http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosurePensionAndOtherPostretirementBenefitsComponentsOfNetPeriodicBenefitCostDetail"], "lang": { "en-us": { "role": { "terseLabel": "Interest cost", "label": "Defined Benefit Plan, Interest Cost", "documentation": "Amount of cost recognized for passage of time related to defined benefit plan." } } }, "auth_ref": ["r490", "r494", "r526", "r551", "r1055", "r1056"] }, "us-gaap_DefinedBenefitPlanNetPeriodicBenefitCost": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "DefinedBenefitPlanNetPeriodicBenefitCost", "crdr": "debit", "presentation": [
"http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosurePensionAndOtherPostretirementBenefitsComponentsOfNetPeriodicBenefitCostDetail"], "lang": { "en-us": { "role": { "totalLabel": "Net periodic benefit cost", "label": "Defined Benefit Plan, Net Periodic Benefit Cost (Credit)", "documentation": "Amount of net periodic benefit cost (credit) for defined benefit plan." } } }, "auth_ref": ["r524", "r549", "r1055", "r1056"] }, "aa_DefinedBenefitPlanNumberOfPlanParticipantsAffected": { "xbrltype": "integerItemType", "nsuri": "http://www.alcoa.com/20240630/", "localname": "DefinedBenefitPlanNumberOfPlanParticipantsAffected", "presentation": [
"http://www.alcoa.com/20240630/taxonomy/role/DisclosurePensionAndOtherPostretirementBenefitsSummaryOfInformationInCurtailmentOrSettlementOfBenefitsRequiringRem], "lang": { "en-us": { "role": { "documentation": "Defined benefit plan number of plan participants affected.", "label": "Defined Benefit Plan Number Of Plan Participants Affected", "terseLabel": "Number of employees affected the change in defined benefit plans", "verboseLabel": "Number of affected plan participants" } } }, "auth_ref": [] }, "us-gaap_DefinedBenefitPlanRecognizedNetGainLossDueToCurtailments": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "DefinedBenefitPlanRecognizedNetGainLossDueToCurtailments", "crdr": "credit", "presentation": [
"http://www.alcoa.com/20240630/taxonomy/role/DisclosurePensionAndOtherPostretirementBenefitsSummaryOfInformationInCurtailmentOrSettlementOfBenefitsRequiringRem
"http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosurePensionAndOtherPostretirementBenefitsAdditionalInformationDetail",
"http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosurePensionAndOtherPostretirementBenefitsComponentsOfNetPeriodicBenefitCostDetail"], "lang": { "en-us": { "role": { "negatedLabel": "Curtailments", "terseLabel": "Curtailment loss", "verboseLabel": "Curtailment of certain other postretirement benefits", "label": "Defined Benefit Plan, Net Periodic Benefit Cost (Credit), Gain (Loss) Due to Curtailment", "documentation": "Amount of gain (loss) recognized in net periodic benefit (cost) credit from event reducing expected years of future service of present employees or eliminating accrual of defined benefits for some or all future services of present employees." } } }, "auth_ref": ["r489", "r531", "r556"] }, "aa_DefinedBenefitPlanRecognizedNetGainLossDueToCurtailmentsAfterTax": { "xbrltype": "monetaryItemType", "nsuri": "http://www.alcoa.com/20240630/", "localname": "DefinedBenefitPlanRecognizedNetGainLossDueToCurtailmentsAfterTax", "crdr": "credit", "presentation": [
"http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosurePensionAndOtherPostretirementBenefitsAdditionalInformationDetail"], "lang": { "en-us": { "role": { "terseLabel": "Curtailment loss after tax", "label": "Defined Benefit Plan Recognized Net Gain Loss Due To Curtailments After Tax", "documentation": "Defined benefit plan recognized net gain loss due to curtailments after tax." } } }, "auth_ref": [] }, "us-gaap_DefinedBenefitPlanRecognizedNetGainLossDueToSettlements1": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "DefinedBenefitPlanRecognizedNetGainLossDueToSettlements1", "crdr": "credit", "presentation": [
"http://www.alcoa.com/20240630/taxonomy/role/DisclosurePensionAndOtherPostretirementBenefitsSummaryOfInformationInCurtailmentOrSettlementOfBenefitsRequiringRem
"http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosurePensionAndOtherPostretirementBenefitsAdditionalInformationDetail",
"http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosurePensionAndOtherPostretirementBenefitsComponentsOfNetPeriodicBenefitCostDetail",
"http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureRestructuringAndOtherChargesNetAdditionalInformationDetail"], "lang": { "en-us": { "role": { "label": "Settlement of certain other postretirement benefits", "verboseLabel": "Settlement gain", "negatedTerseLabel": "Settlement of certain other postretirement benefits", "negatedLabel": "Settlements", "terseLabel": "Settlements", "documentation": "Amount of gain (loss) recognized in net periodic benefit (cost) credit from irrevocable action relieving primary responsibility for benefit obligation and eliminating risk related to obligation and assets used to effect settlement." } } }, "auth_ref": ["r489", "r531", "r556"] }, "aa_DefinedBenefitPlanRecognizedNetGainLossDueToSettlements1AfterTax": { "xbrltype": "monetaryItemType", "nsuri": "http://www.alcoa.com/20240630/", "localname": "DefinedBenefitPlanRecognizedNetGainLossDueToSettlements1AfterTax", "crdr": "credit", "presentation": [
"http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosurePensionAndOtherPostretirementBenefitsAdditionalInformationDetail"], "lang": { "en-us": { "role": { "terseLabel": "Settlement gain after tax", "label": "Defined Benefit Plan Recognized Net Gain Loss Due To Settlements1 After Tax", "documentation": "Defined Benefit Plan Recognized Net Gain Loss Due To Settlements1 After Tax" } } }, "auth_ref": [] }, "aa_DefinedBenefitPlanRemeasurementDate": { "xbrltype": "dateItemType", "nsuri": "http://www.alcoa.com/20240630/", "localname": "DefinedBenefitPlanRemeasurementDate", "presentation": [
"http://www.alcoa.com/20240630/taxonomy/role/DisclosurePensionAndOtherPostretirementBenefitsSummaryOfInformationInCurtailmentOrSettlementOfBenefitsRequiringRem], "lang": { "en-us": { "role": { "documentation": "Defined benefit plan remeasurement date.", "label": "Defined Benefit Plan Remeasurement Date", "verboseLabel": "Plan remeasurement date" } } }, "auth_ref": [] }, "us-gaap_DefinedBenefitPlanServiceCost": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "DefinedBenefitPlanServiceCost", "crdr": "debit", "presentation": [
"http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosurePensionAndOtherPostretirementBenefitsComponentsOfNetPeriodicBenefitCostDetail"], "lang": { "en-us": { "role": { "terseLabel": "Service cost", "label": "Defined Benefit Plan, Service Cost", "documentation": "Amount of cost for actuarial present value of benefits attributed to service rendered by employee for defined benefit plan." } } }, "auth_ref": ["r492", "r525", "r550", "r1055", "r1056"] }, "us-gaap_DepreciationDepletionAndAmortization": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "DepreciationDepletionAndAmortization", "crdr": "debit", "presentation": [
"http://www.alcoa.com/20240630/taxonomy/role/DisclosureSegmentInformationScheduleOfSegmentAdjustedEbitdaToConsolidatedNetIncomeLossAttributableToAlcoaCorporatio
"http://www.alcoa.com/20240630/taxonomy/role/StatementStatementOfConsolidatedCashFlowsUnaudited",
"http://www.alcoa.com/20240630/taxonomy/role/StatementStatementOfConsolidatedOperationsUnaudited1"], "lang": { "en-us": { "role": { "verboseLabel": "Provision for depreciation, depletion, and amortization", "totalLabel": "Depreciation, Depletion and Amortization, Total", "negatedLabel": "Provision for depreciation, depletion, and amortization", "terseLabel": "Depreciation, depletion, and amortization", "label": "Depreciation, Depletion and Amortization", "documentation": "The aggregate expense recognized in the current period that allocates the cost of tangible assets, intangible assets, or depleting assets to periods that benefit from use of the assets." } } }, "auth_ref": ["r15", "r276", "r289", "r307", "r1025", "r1026"] }, "us-gaap_DerivativeAssets": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "DerivativeAssets", "crdr": "debit", "presentation": [
"http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureDerivativesAndOtherFinancialInstrumentsScheduleOfDetailForLevel1And3DerivativesDetail",
"http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureDerivativesAndOtherFinancialInstrumentsScheduleOfFairValuesOfLevel3DerivativeInstrumentsRecordedAsAsse
"http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureDerivativesAndOtherFinancialInstrumentsScheduleOfQuantitativeInformationForLevel3DerivativeContractsDeta
], "lang": { "en-us": { "role": { "totalLabel": "Derivative Assets", "verboseLabel": "Total asset derivatives", "terseLabel": "Derivative Assets, Fair value", "label": "Derivative Asset", "documentation": "Fair value, after the effects of master netting arrangements, of a financial asset or other contract with one or more underlyings, notional amount or payment provision or both, and the contract can be net settled by means outside the contract or delivery of an asset. Includes assets not subject to a master netting arrangement and not elected to be offset." } } }, "auth_ref": ["r204", "r205", "r679", "r680", "r693", "r705", "r899", "r900", "r901", "r902", "r903", "r905", "r906", "r907", "r908", "r909", "r924", "r925", "r969", "r974", "r979", "r980", "r982", "r983", "r1016", "r1069", "r1073", "r1104", "r1383", "r1384", "r1385", "r1453"] }, "us-gaap_DerivativeAssetsCurrent": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "DerivativeAssetsCurrent", "crdr": "debit", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureDerivativesAndOtherFinancialInstrumentsScheduleOfDetailForLevel1And3DerivativesDetail",
"http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureDerivativesAndOtherFinancialInstrumentsScheduleOfFairValuesOfLevel3DerivativeInstrumentsRecordedAsAsse
"http://www.alcoa.com/20240630/taxonomy/role/Role_StatementConsolidatedBalanceSheetUnaudited"], "lang": { "en-us": { "role": { "verboseLabel": "Fair value of derivative instruments (M)", "label": "Derivative Assets Current", "terseLabel": "Total asset derivatives", "documentation": "Fair value, after the effects of master netting arrangements, of a financial asset or other contract with one or more underlyings, notional amount or payment provision or both, and the contract can be net settled by means outside the contract or delivery of an asset, expected to be settled within one year or normal operating cycle, if longer. Includes assets not subject to a master netting arrangement and not elected to be offset." } } }, "auth_ref": ["r204"] }, "us-gaap_DerivativeAssetsNoncurrent": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "DerivativeAssetsNoncurrent", "crdr": "debit", "presentation": [
"http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureDerivativesAndOtherFinancialInstrumentsScheduleOfDetailForLevel1And3DerivativesDetail",
"http://www.alcoa.com/20240630/taxonomy/role/Role_StatementConsolidatedBalanceSheetUnaudited"], "lang": { "en-us": { "role": { "terseLabel": "Fair value of derivative instruments (M)", "label": "Derivative Assets Noncurrent", "documentation": "Fair value, after the effects of master netting arrangements, of a financial asset or other contract with one or more underlyings, notional amount or payment provision or both, and the contract can be net settled by means outside the contract or delivery of an asset, expected to be settled after one year or the normal operating cycle, if longer. Includes assets not subject to a master netting arrangement and not elected to be offset." } } }, "auth_ref": ["r204"] }, "us-gaap_DerivativeBasisSpreadOnVariableRate": { "xbrltype": "percentItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "DerivativeBasisSpreadOnVariableRate", "presentation": [
"http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureDerivativesAndOtherFinancialInstrumentsScheduleOfQuantitativeInformationForLevel3DerivativeContractsDeta
], "lang": { "en-us": { "role": { "terseLabel": "Percentage of debt yield credit spread", "label": "Derivative, Basis Spread on Variable Rate", "documentation": "The percentage points added to the reference rate to compute the variable rate on the interest rate derivative." } } }, "auth_ref": [] }, "us-gaap_DerivativeContractTypeDomain": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "DerivativeContractTypeDomain", "presentation": [
"http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureAccumulatedOtherComprehensiveLossSummaryOfChangesInAccumulatedOtherComprehensiveLossIncomeByCo
"http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureDerivativesAndOtherFinancialInstrumentsAdditionalInformationDetail",
"http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureDerivativesAndOtherFinancialInstrumentsScheduleOfDetailForLevel1And3DerivativesDetail",
"http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureDerivativesAndOtherFinancialInstrumentsScheduleOfFairValuesOfLevel3DerivativeInstrumentsRecordedAsAsse
"http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureDerivativesAndOtherFinancialInstrumentsScheduleOfOutstandingQuantitiesOfDerivativeInstrumentsDetail",
"http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureDerivativesAndOtherFinancialInstrumentsScheduleOfQuantitativeInformationForLevel3DerivativeContractsDeta
"http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureDerivativesAndOtherFinancialInstrumentsScheduleOfReconciliationOfActivityForDerivativeContractsDetail"], "lang": { "en-us": { "role": { "terseLabel": "Derivative Contract", "label": "Derivative Contract [Domain]", "documentation": "Financial instrument or contract with one or more underlyings, notional amount or payment provision or both, and the contract can be net settled by means outside the contract or delivery of an asset." } } }, "auth_ref": ["r907", "r909", "r923", "r924", "r925", "r926", "r927", "r928", "r929", "r931", "r932", "r933", "r934", "r945", "r946", "r947", "r948", "r951", "r952", "r953", "r954", "r969",

"r971", "r979", "r982", "r1102", "r1104", "r1386", "r1387", "r1388", "r1389", "r1390", "r1391", "r1393", "r1394"] }, "aa_DerivativeForwardEnergyPrice": { "xbrltype": "perUnitItemType", "nsuri": "http://www.alcoa.com/20240630", "localname": "DerivativeForwardEnergyPrice", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureDerivativesAndOtherFinancialInstrumentsScheduleOfQuantitativeInformationForLevel3DerivativeContractsDeta l], "lang": { "en-us": { "role": { "terseLabel": "Derivative forward energy price", "label": "Derivative Forward Energy Price", "documentation": "Derivative forward energy price." } } }, "auth_ref": [] }, "aa_DerivativeForwardEnergyVolume": { "xbrltype": "energyItemType", "nsuri": "http://www.alcoa.com/20240630", "localname": "DerivativeForwardEnergyVolume", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureDerivativesAndOtherFinancialInstrumentsScheduleOfQuantitativeInformationForLevel3DerivativeContractsDeta l], "lang": { "en-us": { "role": { "terseLabel": "Derivative forward energy volume", "label": "Derivative Forward Energy Volume", "documentation": "Derivative forward energy volume." } } }, "auth_ref": [] }, "aa_DerivativeInstrumentLevel1And2Member": { "xbrltype": "domainItemType", "nsuri": "http://www.alcoa.com/20240630", "localname": "DerivativeInstrumentLevel1And2Member", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureDerivativesAndOtherFinancialInstrumentsScheduleOfDetailForLevel1And3DerivativesDetail"], "lang": { "en-us": { "role": { "terseLabel": "Level 1 and 2 Derivative Instruments [Member]", "label": "Derivative Instrument Level1 And2 [Member]", "documentation": "Derivative instrument level 1 and 2." } } }, "auth_ref": [] }, "aa_DerivativeInstrumentLevel1And3Member": { "xbrltype": "domainItemType", "nsuri": "http://www.alcoa.com/20240630", "localname": "DerivativeInstrumentLevel1And3Member", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureDerivativesAndOtherFinancialInstrumentsScheduleOfDetailForLevel1And3DerivativesDetail"], "lang": { "en-us": { "role": { "terseLabel": "Level 1 and 3 Derivative Instruments [Member]", "label": "Derivative Instrument Level1 And3 [Member]", "documentation": "Derivative instrument level 1 and 3." } } }, "auth_ref": [] }, "aa_DerivativeInstrumentLevel1Member": { "xbrltype": "domainItemType", "nsuri": "http://www.alcoa.com/20240630", "localname": "DerivativeInstrumentLevel1Member", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureDerivativesAndOtherFinancialInstrumentsAdditionalInformationDetail", "http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureDerivativesAndOtherFinancialInstrumentsScheduleOfDetailForLevel1And3DerivativesDetail"], "lang": { "en-us": { "role": { "terseLabel": "Level 1 Derivative Instruments [Member]", "label": "Derivative Instrument Level1 [Member]", "documentation": "Derivative instrument level 1." } } }, "auth_ref": [] }, "aa_DerivativeInstrumentLevel2Member": { "xbrltype": "domainItemType", "nsuri": "http://www.alcoa.com/20240630", "localname": "DerivativeInstrumentLevel2Member", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureDerivativesAndOtherFinancialInstrumentsScheduleOfDetailForLevel1And3DerivativesDetail"], "lang": { "en-us": { "role": { "terseLabel": "Level 2 Derivative Instruments [Member]", "label": "Derivative Instrument Level2 [Member]", "documentation": "Derivative instrument level 2." } } }, "auth_ref": [] }, "aa_DerivativeInstrumentLevel3Member": { "xbrltype": "domainItemType", "nsuri": "http://www.alcoa.com/20240630", "localname": "DerivativeInstrumentLevel3Member", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureDerivativesAndOtherFinancialInstrumentsScheduleOfDetailForLevel1And3DerivativesDetail"], "lang": { "en-us": { "role": { "terseLabel": "Level 3 Derivative Instruments [Member]", "label": "Derivative Instrument Level3 [Member]", "documentation": "Derivative instrument level 3." } } }, "auth_ref": [] }, "aa_DerivativeInstrumentMaturityMonthAndYear": { "xbrltype": "gYearMonthItemType", "nsuri": "http://www.alcoa.com/20240630", "localname": "DerivativeInstrumentMaturityMonthAndYear", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureDerivativesAndOtherFinancialInstrumentsAdditionalInformationDetail"], "lang": { "en-us": { "role": { "terseLabel": "Derivative instruments, expiration month and year", "label": "Derivative Instrument Maturity Month And Year", "documentation": "Derivative instrument, maturity month and year." } } }, "auth_ref": [] }, "aa_DerivativeInstrumentMaturityStartDate": { "xbrltype": "dateItemType", "nsuri": "http://www.alcoa.com/20240630", "localname": "DerivativeInstrumentMaturityStartDate", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureDerivativesAndOtherFinancialInstrumentsAdditionalInformationDetail"], "lang": { "en-us": { "role": { "terseLabel": "Derivative instrument maturity, start date", "label": "Derivative Instrument Maturity Start Date", "documentation": "Derivative instrument maturity start date." } } }, "auth_ref": [] }, "us-gaap_DerivativeInstrumentRiskAxis": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "DerivativeInstrumentRiskAxis", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureAccumulatedOtherComprehensiveLossSummaryOfChangesInAccumulatedOtherComprehensiveLossIncomeByCo "http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureDerivativesAndOtherFinancialInstrumentsAdditionalInformationDetail", "http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureDerivativesAndOtherFinancialInstrumentsScheduleOfDetailForLevel1And3DerivativesDetail", "http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureDerivativesAndOtherFinancialInstrumentsScheduleOfFairValuesOfLevel3DerivativeInstrumentsRecordedAsAsse "http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureDerivativesAndOtherFinancialInstrumentsScheduleOfOutstandingQuantitiesOfDerivativeInstrumentsDetail", "http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureDerivativesAndOtherFinancialInstrumentsScheduleOfQuantitativeInformationForLevel3DerivativeContractsDeta "http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureDerivativesAndOtherFinancialInstrumentsScheduleOfReconciliationOfActivityForDerivativeContractsDetail"], "lang": { "en-us": { "role": { "terseLabel": "Derivative Instrument", "label": "Derivative Instrument [Axis]", "documentation": "Information by type of derivative contract." } } }, "auth_ref": ["r80", "r83", "r84", "r154", "r907", "r909", "r923", "r924", "r925", "r926", "r927", "r928", "r929", "r931", "r932", "r933", "r934", "r945", "r946", "r947", "r948", "r951", "r952", "r953", "r954", "r969", "r971", "r979", "r982", "r1016", "r1102", "r1104", "r1386", "r1387", "r1388", "r1389", "r1390", "r1391", "r1393", "r1394"] }, "us-gaap_DerivativeInstrumentsAndHedgingActivitiesDisclosureAbstract": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "DerivativeInstrumentsAndHedgingActivitiesDisclosureAbstract", "lang": { "en-us": { "role": { "label": "Derivative Instruments and Hedging Activities Disclosure [Abstract]" } } }, "auth_ref": [] }, "us-gaap_DerivativeInstrumentsGainLossByHedgingRelationshipAxis": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "DerivativeInstrumentsGainLossByHedgingRelationshipAxis", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureDerivativesAndOtherFinancialInstrumentsAdditionalInformationDetail"], "lang": { "en-us": { "role": { "terseLabel": "Hedging Relationship", "label": "Hedging Relationship [Axis]", "documentation": "Information by type of hedging relationship." } } }, "auth_ref": ["r21", "r80", "r83"] }, "us-gaap_DerivativeInstrumentsGainLossByHedgingRelationshipByIncomeStatementLocationByDerivativeInstrumentRiskTable": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "DerivativeInstrumentsGainLossByHedgingRelationshipByIncomeStatementLocationByDerivativeInstrumentRiskTable", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureDerivativesAndOtherFinancialInstrumentsScheduleOfFairValuesOfLevel3DerivativeInstrumentsRecordedAsAsse], "lang": { "en-us": { "role": { "terseLabel": "Derivative Instruments Gain Loss By Hedging Relationship By Income Statement Location By Derivative Instrument Risk [Table]", "label": "Derivative Instruments, Gain (Loss) [Table]", "documentation": "Disclosure of information about the location and amount of derivative instruments and nonderivative instruments designated as hedging instruments reported before netting adjustments, and the amount of gain (loss) on derivative instruments and nonderivative instruments designated and qualified as hedging instruments." } } }, "auth_ref": ["r21", "r80", "r83", "r84", "r87", "r88", "r656"] }, "us-gaap_DerivativeInstrumentsGainLossLineItems": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "DerivativeInstrumentsGainLossLineItems", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureDerivativesAndOtherFinancialInstrumentsScheduleOfFairValuesOfLevel3DerivativeInstrumentsRecordedAsAsse], "lang": { "en-us": { "role": { "terseLabel": "Derivative Instruments Gain Loss [Line Items]", "label": "Derivative Instruments, Gain (Loss) [Line Items]", "documentation": "Line items represent financial concepts included in a table. These concepts are used to disclose reportable information associated with domain members defined in one or many axes to the table." } } }, "auth_ref": ["r656"] }, "us-gaap_DerivativeLiabilities": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "DerivativeLiabilities", "crdr": "credit", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureDerivativesAndOtherFinancialInstrumentsScheduleOfDetailForLevel1And3DerivativesDetail", "http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureDerivativesAndOtherFinancialInstrumentsScheduleOfFairValuesOfLevel3DerivativeInstrumentsRecordedAsAsse "http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureDerivativesAndOtherFinancialInstrumentsScheduleOfOutstandingQuantitiesOfDerivativeInstrumentsDetail", "http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureDerivativesAndOtherFinancialInstrumentsScheduleOfQuantitativeInformationForLevel3DerivativeContractsDeta], "lang": { "en-us": { "role": { "label": "Derivative Liabilities", "totalLabel": "Derivative Liabilities", "verboseLabel": "Total liability derivatives", "terseLabel": "Derivative Liabilities, Fair value", "documentation": "Fair value, after the effects of master netting arrangements, of a financial liability or contract with one or more underlyings, notional amount or payment provision or both, and the contract can be net settled by means outside the contract or delivery of an asset. Includes liabilities not subject to a master netting arrangement and not elected to be offset." } } }, "auth_ref": ["r204", "r205", "r679", "r680", "r693", "r705", "r899", "r900", "r901", "r902", "r905", "r906", "r907", "r908", "r909", "r931", "r933", "r934", "r971", "r972", "r974", "r979", "r980", "r982", "r983", "r1016", "r1383", "r1384", "r1385", "r1453"] }, "us-gaap_DerivativeLiabilitiesCurrent": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "DerivativeLiabilitiesCurrent", "crdr": "credit", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureDerivativesAndOtherFinancialInstrumentsScheduleOfDetailForLevel1And3DerivativesDetail", "http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureDerivativesAndOtherFinancialInstrumentsScheduleOfFairValuesOfLevel3DerivativeInstrumentsRecordedAsAsse "http://www.alcoa.com/20240630/taxonomy/role/Role_StatementConsolidatedBalanceSheetUnaudited"], "lang": { "en-us": { "role": { "verboseLabel": "Fair value of derivative instruments (M)", "label": "Derivative Liabilities Current", "terseLabel": "Total liability derivatives", "documentation": "Fair value, after the effects of master netting arrangements, of a financial liability or contract with one or more underlyings, notional amount or payment provision or both, and the contract can be net settled by means outside the contract or delivery of an asset, expected to be settled within one year or normal operating cycle, if longer. Includes assets not subject to a master netting arrangement and not elected to be offset." } } }, "auth_ref": ["r204"] }, "us-gaap_DerivativeLiabilitiesNoncurrent": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "DerivativeLiabilitiesNoncurrent", "crdr": "credit", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureDerivativesAndOtherFinancialInstrumentsScheduleOfDetailForLevel1And3DerivativesDetail", "http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureDerivativesAndOtherFinancialInstrumentsScheduleOfFairValuesOfLevel3DerivativeInstrumentsRecordedAsAsse "http://www.alcoa.com/20240630/taxonomy/role/Role_StatementConsolidatedBalanceSheetUnaudited"], "lang": { "en-us": { "role": { "verboseLabel": "Fair value of derivative instruments (M)", "label": "Derivative Liabilities Noncurrent", "terseLabel": "Total liability derivatives", "documentation": "Fair value, after the effects of master netting arrangements, of a financial liability or contract with one or more underlyings, notional amount or payment provision or both, and the contract can be net settled by means outside the contract or delivery of an asset, expected to be settled after one year or the normal operating cycle, if longer. Includes assets not subject to a master netting arrangement and not elected to be offset." } } }, "auth_ref": ["r204"] }, "us-gaap_DerivativeLineItems": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "DerivativeLineItems", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureDerivativesAndOtherFinancialInstrumentsScheduleOfCarryingValuesAndFairValuesOfOtherFinancialInstrument], "lang": { "en-us": { "role": { "terseLabel": "Derivative [Line Items]", "label": "Derivative [Line Items]", "documentation": "Line items represent financial concepts included in a table. These concepts are used to disclose reportable information associated with domain members defined in one or many axes to the table." } } }, "auth_ref": ["r669"] }, "us-gaap_DerivativeMaturityDates": { "xbrltype": "dateItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "DerivativeMaturityDates", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureDerivativesAndOtherFinancialInstrumentsAdditionalInformationDetail"], "lang": { "en-us": { "role": { "terseLabel": "Derivative, expiration date", "label": "Derivative, Contract End Date", "documentation": "Date derivative contract ends, in YYYY-MM-DD format." } } }, "auth_ref": ["r908", "r909", "r969", "r970", "r973", "r978", "r981", "r1104"] }, "us-gaap_DerivativeTable": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "DerivativeTable", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureDerivativesAndOtherFinancialInstrumentsScheduleOfCarryingValuesAndFairValuesOfOtherFinancialInstrument], "lang": { "en-us": { "role": { "terseLabel": "Derivative [Table]", "label": "Derivative [Table]", "documentation": "Disclosure of information about derivative instrument or group of derivative instruments, including, but not limited to, type of derivative instrument, risk being hedged, notional amount, hedge designation, related hedged item, inception date, and maturity date." } } }, "auth_ref": ["r21", "r74", "r75", "r76", "r78", "r81", "r83", "r85", "r86", "r88", "r669"] }, "us-gaap_DesignatedAsHedgingInstrumentMember": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "DesignatedAsHedgingInstrumentMember", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureDerivativesAndOtherFinancialInstrumentsAdditionalInformationDetail", "http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureDerivativesAndOtherFinancialInstrumentsScheduleOfFairValuesOfLevel3DerivativeInstrumentsRecordedAsAsse], "lang": { "en-us": { "role": { "terseLabel": "Derivatives Designated as Hedging Instruments [Member]", "label": "Designated as Hedging Instrument [Member]", "documentation": "Derivative instrument designated as hedging instrument under Generally Accepted Accounting Principles (GAAP)." } } }, "auth_ref": ["r21"] }, "us-gaap_DisaggregationOfRevenueLineItems": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "DisaggregationOfRevenueLineItems",

"presentation": ["http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureSegmentInformationScheduleOfSalesByProductDivisionDetail"], "lang": { "en-us": { "role": { "terseLabel": "Disaggregation Of Revenue [Line Items]", "label": "Disaggregation of Revenue [Line Items]", "documentation": "Line items represent financial concepts included in a table. These concepts are used to disclose reportable information associated with domain members defined in one or many axes to the table." } } }, "auth_ref": ["r486", "r1046", "r1047", "r1048", "r1049", "r1050", "r1051", "r1052"] }, "us-gaap_DisaggregationOfRevenueTable": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "DisaggregationOfRevenueTable", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureSegmentInformationScheduleOfSalesByProductDivisionDetail"], "lang": { "en-us": { "role": { "terseLabel": "Disaggregation Of Revenue [Table]", "label": "Disaggregation of Revenue [Table]", "documentation": "Disclosure of information about disaggregation of revenue into categories depicting how nature, amount, timing, and uncertainty of revenue and cash flows are affected by economic factor." } } }, "auth_ref": ["r486", "r1046", "r1047", "r1048", "r1049", "r1050", "r1051", "r1052"] }, "us-gaap_DiscontinuedOperationsAndDisposalGroupsAbstract": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "DiscontinuedOperationsAndDisposalGroupsAbstract", "lang": { "en-us": { "role": { "label": "Discontinued Operations and Disposal Groups [Abstract]" } } }, "auth_ref": [] }, "aa_DiscreteTaxBenefitExpense": { "xbrltype": "monetaryItemType", "nsuri": "http://www.alcoa.com/20240630", "localname": "DiscreteTaxBenefitExpense", "crdr": "debit", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureIncomeTaxesScheduleOfIncomeTaxesDetail"], "lang": { "en-us": { "role": { "verboseLabel": "Discrete tax expense", "label": "Discrete Tax Benefit Expense", "documentation": "Discrete tax (benefit) expense.", "terseLabel": "Discrete tax (benefit) expense" } } }, "auth_ref": [] }, "us-gaap_DisposalGroupClassificationAxis": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "DisposalGroupClassificationAxis", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/DisclosureAcquisitionsAndDivestituresAdditionalInformationDetail"], "lang": { "en-us": { "role": { "terseLabel": "Disposal Group Classification", "label": "Disposal Group Classification [Axis]", "documentation": "Information by disposal group classification." } } }, "auth_ref": ["r187"] }, "us-gaap_DisposalGroupClassificationDomain": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "DisposalGroupClassificationDomain", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/DisclosureAcquisitionsAndDivestituresAdditionalInformationDetail"], "lang": { "en-us": { "role": { "terseLabel": "Disposal Group Classification", "label": "Disposal Group Classification [Domain]", "documentation": "Component or group of components disposed of, including but not limited to, disposal group held-for-sale or disposed of by sale, disposed of by means other than sale, and discontinued operations." } } }, "auth_ref": [] }, "us-gaap_DisposalGroupHeldforsaleNotDiscontinuedOperationsMember": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "DisposalGroupHeldforsaleNotDiscontinuedOperationsMember", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/DisclosureAcquisitionsAndDivestituresAdditionalInformationDetail"], "lang": { "en-us": { "role": { "terseLabel": "Held for sale [Member]", "label": "Disposal Group, Held-for-Sale, Not Discontinued Operations [Member]", "documentation": "Disposal group that is classified as held-for-sale. Excludes disposals classified as discontinued operations." } } }, "auth_ref": ["r8", "r23", "r187"] }, "us-gaap_DisposalGroupIncludingDiscontinuedOperationConsideration": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "DisposalGroupIncludingDiscontinuedOperationConsideration", "crdr": "debit", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/DisclosureAcquisitionsAndDivestituresAdditionalInformationDetail"], "lang": { "en-us": { "role": { "terseLabel": "Total consideration", "label": "Disposal Group, Including Discontinued Operation, Consideration", "documentation": "Amount of consideration received or receivable for the disposal of assets and liabilities, including discontinued operation." } } }, "auth_ref": [] }, "aa_DisposalGroupIncludingDiscontinuedOperationOtherPostretirementBenefitLiabilitiesAssumed": { "xbrltype": "monetaryItemType", "nsuri": "http://www.alcoa.com/20240630", "localname": "DisposalGroupIncludingDiscontinuedOperationOtherPostretirementBenefitLiabilitiesAssumed", "crdr": "credit", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/DisclosureAcquisitionsAndDivestituresAdditionalInformationDetail"], "lang": { "en-us": { "role": { "documentation": "Disposal group including discontinued operation other postretirement benefit liabilities assumed.", "label": "Disposal Group Including Discontinued Operation Other Postretirement Benefit Liabilities Assumed", "terseLabel": "Assumption of other postretirement benefit liabilities" } } }, "auth_ref": [] }, "us-gaap_DisposalGroupsIncludingDiscontinuedOperationsNameDomain": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "DisposalGroupsIncludingDiscontinuedOperationsNameDomain", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/DisclosureAcquisitionsAndDivestituresAdditionalInformationDetail", "http://www.alcoa.com/20240630/taxonomy/role/DisclosureAssetRetirementObligationsAdditionalInformationDetail", "http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureInvestmentsAdditionalInformationDetail", "http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureRestructuringAndOtherChargesNetAdditionalInformationDetail"], "lang": { "en-us": { "role": { "terseLabel": "Disposal Group Name", "label": "Disposal Group Name [Domain]", "documentation": "Name of disposal group." } } }, "auth_ref": ["r1057", "r1060"] }, "us-gaap_DividendPayableDateToBePaidDayMonthAndYear": { "xbrltype": "dateItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "DividendPayableDateToBePaidDayMonthAndYear", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/DisclosureSubsequentEventsAdditionalInformationDetails"], "lang": { "en-us": { "role": { "terseLabel": "Dividend, payable date", "label": "Dividends Payable, Date to be Paid", "documentation": "Date the declared dividend will be paid, in YYYY-MM-DD format." } } }, "auth_ref": ["r36"] }, "us-gaap_DividendsCommonStock": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "DividendsCommonStock", "crdr": "debit", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/Role_StatementStatementOfChangesInConsolidatedEquityUnaudited"], "lang": { "en-us": { "role": { "negatedLabel": "Dividends paid on Alcoa common stock ($0.10 per share)", "totalLabel": "Dividends, Common Stock, Total", "label": "Dividends, Common Stock", "documentation": "Amount of paid and unpaid common stock dividends declared with the form of settlement in cash, stock and payment-in-kind (PIK)." } } }, "auth_ref": ["r11", "r147"] }, "us-gaap_DividendsPayableAmountPerShare": { "xbrltype": "perShareItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "DividendsPayableAmountPerShare", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/DisclosureSubsequentEventsAdditionalInformationDetails"], "lang": { "en-us": { "role": { "verboseLabel": "Quarterly cash dividend declared per share", "terseLabel": "Cash dividend per share", "label": "Dividends Payable, Amount Per Share", "documentation": "The per share amount of a dividend declared, but not paid, as of the financial reporting date." } } }, "auth_ref": ["r36"] }, "us-gaap_DividendsPayableDateDeclaredDayMonthAndYear": { "xbrltype": "dateItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "DividendsPayableDateDeclaredDayMonthAndYear", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/DisclosureSubsequentEventsAdditionalInformationDetails"], "lang": { "en-us": { "role": { "terseLabel": "Dividend, declared date", "label": "Dividends Payable, Date Declared", "documentation": "Date the dividend to be paid was declared, in YYYY-MM-DD format." } } }, "auth_ref": ["r36"] }, "us-gaap_DividendsPayableDateOfRecordDayMonthAndYear": { "xbrltype": "dateItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "DividendsPayableDateOfRecordDayMonthAndYear", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/DisclosureSubsequentEventsAdditionalInformationDetails"], "lang": { "en-us": { "role": { "terseLabel": "Dividend, date of record", "label": "Dividends Payable, Date of Record", "documentation": "Date the holder must own the stock to be entitled to the dividend, in YYYY-MM-DD format." } } }, "auth_ref": [] }, "dei_DocumentFiscalPeriodFocus": { "xbrltype": "fiscalPeriodItemType", "nsuri": "http://xbrl.sec.gov/dei/2024", "localname": "DocumentFiscalPeriodFocus", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/Role_DocumentDocumentAndEntityInformation"], "lang": { "en-us": { "role": { "terseLabel": "Document Fiscal Period Focus", "label": "Document Fiscal Period Focus", "documentation": "Fiscal period values are FY, Q1, Q2, and Q3. 1st, 2nd and 3rd quarter 10-Q or 10-QT statements have value Q1, Q2, and Q3 respectively, with 10-K, 10-KT or other fiscal year statements having FY." } } }, "auth_ref": [] }, "dei_DocumentFiscalYearFocus": { "xbrltype": "gYearItemType", "nsuri": "http://xbrl.sec.gov/dei/2024", "localname": "DocumentFiscalYearFocus", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/Role_DocumentDocumentAndEntityInformation"], "lang": { "en-us": { "role": { "terseLabel": "Document Fiscal Year Focus", "label": "Document Fiscal Year Focus", "documentation": "This is focus fiscal year of the document report in YYYY format. For a 2006 annual report, which may also provide financial information from prior periods, fiscal 2006 should be given as the fiscal year focus. Example: 2006." } } }, "auth_ref": [] }, "dei_DocumentInformationLineItems": { "xbrltype": "stringItemType", "nsuri": "http://xbrl.sec.gov/dei/2024", "localname": "DocumentInformationLineItems", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/Role_DocumentDocumentAndEntityInformation"], "lang": { "en-us": { "role": { "label": "Document Information [Line Items]", "documentation": "Line items represent financial concepts included in a table. These concepts are used to disclose reportable information associated with domain members defined in one or many axes to the table." } } }, "auth_ref": [] }, "dei_DocumentInformationTable": { "xbrltype": "stringItemType", "nsuri": "http://xbrl.sec.gov/dei/2024", "localname": "DocumentInformationTable", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/Role_DocumentDocumentAndEntityInformation"], "lang": { "en-us": { "role": { "label": "Document Information [Table]", "documentation": "Container to support the formal attachment of each official or unofficial, public or private document as part of a submission package." } } }, "auth_ref": [] }, "dei_DocumentPeriodEndDate": { "xbrltype": "dateItemType", "nsuri": "http://xbrl.sec.gov/dei/2024", "localname": "DocumentPeriodEndDate", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/Role_DocumentDocumentAndEntityInformation"], "lang": { "en-us": { "role": { "terseLabel": "Document Period End Date", "label": "Document Period End Date", "documentation": "For the EDGAR submission types of Form 8-K: the date of the report, the date of the earliest event reported; for the EDGAR submission types of Form N-1A: the filing date; for all other submission types: the end of the reporting or transition period. The format of the date is YYYY-MM-DD." } } }, "auth_ref": [] }, "dei_DocumentQuarterlyReport": { "xbrltype": "booleanItemType", "nsuri": "http://xbrl.sec.gov/dei/2024", "localname": "DocumentQuarterlyReport", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/Role_DocumentDocumentAndEntityInformation"], "lang": { "en-us": { "role": { "terseLabel": "Document Quarterly Report", "label": "Document Quarterly Report", "documentation": "Boolean flag that is true only for a form used as an quarterly report." } } }, "auth_ref": ["r1116"] }, "dei_DocumentTransitionReport": { "xbrltype": "booleanItemType", "nsuri": "http://xbrl.sec.gov/dei/2024", "localname": "DocumentTransitionReport", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/Role_DocumentDocumentAndEntityInformation"], "lang": { "en-us": { "role": { "terseLabel": "Document Transition Report", "label": "Document Transition Report", "documentation": "Boolean flag that is true only for a form used as a transition report." } } }, "auth_ref": ["r1148"] }, "dei_DocumentType": { "xbrltype": "submissionTypeItemType", "nsuri": "http://xbrl.sec.gov/dei/2024", "localname": "DocumentType", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/Role_DocumentDocumentAndEntityInformation"], "lang": { "en-us": { "role": { "terseLabel": "Document Type", "label": "Document Type", "documentation": "The type of document being provided (such as 10-K, 10-Q, 485BPOS, etc). The document type is limited to the same value as the supporting SEC submission type, or the word 'Other'." } } }, "auth_ref": [] }, "aa_DollarTwoHundredAndFiftyJapaneseYenRevolvingCreditFacilityMember": { "xbrltype": "domainItemType", "nsuri": "http://www.alcoa.com/20240630", "localname": "DollarTwoHundredAndFiftyJapaneseYenRevolvingCreditFacilityMember", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/DisclosureDebtAdditionalInformationDetail"], "lang": { "en-us": { "role": { "terseLabel": "$250 Japanese Yen Revolving Credit Facility [Member]", "label": "Dollar Two Hundred and Fifty Japanese Yen Revolving Credit Facility [Member]", "documentation": "$250 Japanese Yen revolving credit facility." } } }, "auth_ref": [] }, "us-gaap_DomesticPlanMember": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "DomesticPlanMember", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosurePensionAndOtherPostretirementBenefitsAdditionalInformationDetail"], "lang": { "en-us": { "role": { "terseLabel": "Domestic Plan", "label": "Domestic Plan [Member]", "documentation": "Location of employer sponsoring plan, designed to provide retirement benefits, determined as principal place of business. Includes, but is not limited to, defined benefit and defined contribution plans." } } }, "auth_ref": ["r1367", "r1368", "r1369"] }, "aa_DueInJanuaryTwoThousandAndTwentySixMember": { "xbrltype": "domainItemType", "nsuri": "http://www.alcoa.com/20240630", "localname": "DueInJanuaryTwoThousandAndTwentySixMember", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/DisclosureDebtAdditionalInformationDetail"], "lang": { "en-us": { "role": { "terseLabel": "Due in January 2026 [Member]", "label": "Due in January Two thousand and twenty-six [Member]", "documentation": "Due in January 2026." } } }, "auth_ref": [] }, "aa_DueInJulyTwoThousandAndTwentySixMember": { "xbrltype": "domainItemType", "nsuri": "http://www.alcoa.com/20240630", "localname": "DueInJulyTwoThousandAndTwentySixMember", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/DisclosureDebtAdditionalInformationDetail"], "lang": { "en-us": { "role": { "terseLabel": "Due in July 2026 [Member]", "label": "Due in July Two thousand and twenty-six [Member]", "documentation": "Due in July 2026." } } }, "auth_ref": [] }, "aa_DueInJuneTwoThousandAndTwentySevenMember": { "xbrltype": "domainItemType", "nsuri": "http://www.alcoa.com/20240630", "localname": "DueInJuneTwoThousandAndTwentySevenMember", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/DisclosureDebtAdditionalInformationDetail"], "lang": { "en-us": { "role": { "terseLabel": "Due in June 2027 [Member]", "label": "Due in June Two thousand and twenty-seven [Member]", "documentation": "Due in June 2027." } } }, "auth_ref": [] }, "aa_DueInOctoberTwoThousandAndTwentyFiveMember": { "xbrltype": "domainItemType", "nsuri": "http://www.alcoa.com/20240630", "localname": "DueInOctoberTwoThousandAndTwentyFiveMember", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/DisclosureDebtAdditionalInformationDetail"], "lang": { "en-us": { "role": { "terseLabel": "Due in October 2025 [Member]", "label": "Due in October Two thousand and twenty-five [Member]", "documentation": "Due in October 2025." } } }, "auth_ref": [] }, "ecd_DvddsOrOthrErngsPdOnEqtyAwrdsNtOthrwsRflctdInTtlCompForCvrdYrMember": { "xbrltype": "domainItemType", "nsuri": "http://xbrl.sec.gov/ecd/2024", "localname": "DvddsOrOthrErngsPdOnEqtyAwrdsNtOthrwsRflctdInTtlCompForCvrdYrMember", "presentation": ["http://xbrl.sec.gov/ecd/role/PvpDisclosure"], "lang": { "en-us": { "role": { "label": "Dividends or Other Earnings Paid on Equity Awards not Otherwise Reflected in Total Compensation for Covered Year [Member]", "terseLabel": "Dividends or Other Earnings Paid on Equity Awards not Otherwise Reflected in Total Compensation for Covered

Year" } } }, "auth_ref": ["r1159"] }, "country_ES": { "xbrltype": "domainItemType", "nsuri": "http://xbrl.sec.gov/country/2024", "localname": "ES", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role_DisclosureDerivativesAndOtherFinancialInstrumentsAdditionalInformationDetail"], "lang": { "en-us": { "role": { "verboseLabel": "Spain [Member]", "terseLabel": "San Ciprian (Spain) Strike [Member]", "label": "SPAIN" } } }, "auth_ref": [] }, "currency_EUR": { "xbrltype": "domainItemType", "nsuri": "http://xbrl.sec.gov/currency/2024", "localname": "EUR", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role_DisclosureDerivativesAndOtherFinancialInstrumentsAdditionalInformationDetail"], "lang": { "en-us": { "role": { "terseLabel": "Euro Power Purchases [Member]", "label": "Euro Member Countries, Euro" } } }, "auth_ref": [] }, "us-gaap_EarningsPerShareAbstract": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "EarningsPerShareAbstract", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role_StatementStatementOfConsolidatedOperationsUnaudited1"], "lang": { "en-us": { "role": { "terseLabel": "EARNINGS PER SHARE ATTRIBUTABLE TO ALCOA CORPORATION COMMON SHAREHOLDERS (F):", "label": "Earnings Per Share [Abstract]" } } }, "auth_ref": [] }, "us-gaap_EarningsPerShareBasic": { "xbrltype": "perShareItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "EarningsPerShareBasic", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role_StatementStatementOfConsolidatedOperationsUnaudited1"], "lang": { "en-us": { "role": { "terseLabel": "Basic", "label": "Earnings Per Share, Basic", "totalLabel": "Earnings Per Share, Basic, Total", "documentation": "The amount of net income (loss) for the period per each share of common stock or unit outstanding during the reporting period." } } }, "auth_ref": ["r227", "r248", "r249", "r250", "r251", "r252", "r253", "r261", "r263", "r269", "r270", "r271", "r275", "r636", "r645", "r676", "r677", "r818", "r843", "r1018"] }, "us-gaap_EarningsPerShareDiluted": { "xbrltype": "perShareItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "EarningsPerShareDiluted", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role_StatementStatementOfConsolidatedOperationsUnaudited1"], "lang": { "en-us": { "role": { "terseLabel": "Diluted", "label": "Earnings Per Share, Diluted", "totalLabel": "Earnings Per Share, Diluted, Total", "documentation": "The amount of net income (loss) for the period available to each share of common stock or common unit outstanding during the reporting period and to each share or unit that would have been outstanding assuming the issuance of common shares or units for all dilutive potential common shares or units outstanding during the reporting period." } } }, "auth_ref": ["r227", "r248", "r249", "r250", "r251", "r252", "r253", "r263", "r269", "r270", "r271", "r275", "r636", "r645", "r676", "r677", "r818", "r843", "r1018"] }, "us-gaap_EarningsPerShareTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "EarningsPerShareTextBlock", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role_DisclosureEarningsPerShare"], "lang": { "en-us": { "role": { "terseLabel": "Earnings Per Share", "label": "Earnings Per Share [Text Block]", "documentation": "The entire disclosure for earnings per share." } } }, "auth_ref": ["r260", "r272", "r273", "r274"] }, "us-gaap_EffectOfCashFlowHedgesOnResultsOfOperationsAbstract": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "EffectOfCashFlowHedgesOnResultsOfOperationsAbstract", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role_DisclosureAccumulatedOtherComprehensiveLossSummaryOfChangesInAccumulatedOtherComprehensiveLossIncomeByCo..."], "lang": { "en-us": { "role": { "terseLabel": "Cash flow hedges (M)", "label": "Effect of Cash Flow Hedges on Results of Operations [Abstract]" } } }, "auth_ref": [] }, "us-gaap_EffectOfExchangeRateOnCashCashEquivalentsRestrictedCashAndRestrictedCashEquivalents": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "EffectOfExchangeRateOnCashCashEquivalentsRestrictedCashAndRestrictedCashEquivalents", "crdr": "debit", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role_StatementStatementOfConsolidatedCashFlowsUnaudited"], "lang": { "en-us": { "role": { "totalLabel": "Effect of Exchange Rate on Cash, Cash Equivalents, Restricted Cash, and Restricted Cash Equivalents, Continuing Operations, Total", "terseLabel": "EFFECT OF EXCHANGE RATE CHANGES ON CASH AND CASH EQUIVALENTS AND RESTRICTED CASH", "label": "Effect of Exchange Rate on Cash, Cash Equivalents, Restricted Cash, and Restricted Cash Equivalents, Continuing Operations", "documentation": "Amount of increase (decrease) from effect of exchange rate changes on cash and cash equivalents, and cash and cash equivalents restricted to withdrawal or usage; held in foreign currencies. Excludes amounts for disposal group and discontinued operations. Cash includes, but is not limited to, currency on hand, demand deposits with banks or financial institutions, and other accounts with general characteristics of demand deposits. Cash equivalents include, but are not limited to, short-term, highly liquid investments that are both readily convertible to known amounts of cash and so near their maturity that they present insignificant risk of changes in value because of changes in interest rates." } } }, "auth_ref": ["r711"] }, "us-gaap_EffectiveIncomeTaxRateReconciliationAtFederalStatutoryIncomeTaxRate": { "xbrltype": "percentItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "EffectiveIncomeTaxRateReconciliationAtFederalStatutoryIncomeTaxRate", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role_DisclosureIncomeTaxesAdditionalInformationDetail"], "lang": { "en-us": { "role": { "terseLabel": "Effective federal statutory tax rate", "label": "Effective Income Tax Rate Reconciliation, at Federal Statutory Income Tax Rate, Percent", "documentation": "Percentage of domestic federal statutory tax rate applicable to pretax income (loss)." } } }, "auth_ref": ["r237", "r608", "r622", "r1064"] }, "us-gaap_EffectiveIncomeTaxRateReconciliationForeignIncomeTaxRateDifferential": { "xbrltype": "percentItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "EffectiveIncomeTaxRateReconciliationForeignIncomeTaxRateDifferential", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role_DisclosureIncomeTaxesAdditionalInformationDetail"], "lang": { "en-us": { "role": { "terseLabel": "Effective foreign statutory tax rate", "label": "Effective Income Tax Rate Reconciliation, Foreign Income Tax Rate Differential, Percent", "documentation": "Percentage of the difference between reported income tax expense (benefit) and expected income tax expense (benefit) computed by applying the domestic federal statutory income tax rates to pretax income (loss) from continuing operations applicable to statutory income tax expense (benefit) outside of the country of domicile." } } }, "auth_ref": ["r609", "r610", "r1064", "r1241", "r1370"] }, "aa_ElysisLimitedPartnershipMember": { "xbrltype": "domainItemType", "nsuri": "http://www.alcoa.com/20240630", "localname": "ElysisLimitedPartnershipMember", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role_DisclosureInvestmentsAdditionalInformationDetail"], "lang": { "en-us": { "role": { "terseLabel": "ELYSIS TM Limited Partnership [Member]", "label": "Elysis Limited Partnership [Member]", "documentation": "Elysis Limited Partnership." } } }, "auth_ref": [] }, "aa_EmbeddedCreditDerivativeMember": { "xbrltype": "domainItemType", "nsuri": "http://www.alcoa.com/20240630", "localname": "EmbeddedCreditDerivativeMember", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role_DisclosureDerivativesAndOtherFinancialInstrumentsScheduleOfFairValuesOfLevel3DerivativeInstrumentsRecordedAsAsse... "http://www.alcoa.com/20240630/taxonomy/role_DisclosureDerivativesAndOtherFinancialInstrumentsScheduleOfReconciliationOfActivityForDerivativeContractsDetail"], "lang": { "en-us": { "role": { "terseLabel": "Embedded Credit Derivative [Member]", "label": "Embedded Credit Derivative [Member]", "documentation": "Embedded credit derivative." } } }, "auth_ref": [] }, "us-gaap_EmployeeRelatedLiabilitiesCurrent": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "EmployeeRelatedLiabilitiesCurrent", "crdr": "credit", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role_StatementConsolidatedBalanceSheetUnaudited"], "lang": { "en-us": { "role": { "totalLabel": "Employee-related Liabilities, Current, Total", "terseLabel": "Accrued compensation and retirement costs", "label": "Employee-related Liabilities, Current", "documentation": "Total of the carrying values as of the balance sheet date of obligations incurred through that date and payable for obligations related to services received from employees, such as accrued salaries and bonuses, payroll taxes and fringe benefits. Used to reflect the current portion of the liabilities (due within one year or within the normal operating cycle if longer)." } } }, "auth_ref": ["r99"] }, "us-gaap_EmployeeSeveranceMember": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "EmployeeSeveranceMember", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role_DisclosureRestructuringAndOtherChargesNetActivityAndReserveBalancesForRestructuringChargesDetail", "http://www.alcoa.com/20240630/taxonomy/role_DisclosureRestructuringAndOtherChargesNetAdditionalInformationDetail"], "lang": { "en-us": { "role": { "verboseLabel": "Severance and Employee Termination Costs [Member]", "label": "Employee Severance [Member]", "documentation": "Termination of an employee associated with exit from or disposal of business activities or restructurings pursuant to a plan." } } }, "auth_ref": [] }, "us-gaap_EmployeeStockOptionMember": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "EmployeeStockOptionMember", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role_DisclosureEarningsPerShareAdditionalInformationDetail", "http://xbrl.sec.gov/ecd/role/AwardTimingDisclosure"], "lang": { "en-us": { "role": { "label": "Employee Stock Option [Member]", "terseLabel": "Employee Stock Option", "documentation": "Share-based payment arrangement granting right, subject to vesting and other restrictions, to purchase or sell certain number of shares at predetermined price for specified period of time." } } }, "auth_ref": [] }, "aa_EnergyMember": { "xbrltype": "domainItemType", "nsuri": "http://www.alcoa.com/20240630", "localname": "EnergyMember", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role_DisclosureInvestmentsSummaryOfUnauditedInformationForAlcoaCorporationSEquityInvestmentsDetail", "http://www.alcoa.com/20240630/taxonomy/role_DisclosureSegmentInformationScheduleOfSalesByProductDivisionDetail"], "lang": { "en-us": { "role": { "terseLabel": "Energy [Member]", "label": "Energy [Member]", "documentation": "Energy." } } }, "auth_ref": [] }, "us-gaap_EnergyRelatedDerivativeMember": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "EnergyRelatedDerivativeMember", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role_DisclosureDerivativesAndOtherFinancialInstrumentsScheduleOfFairValuesOfLevel3DerivativeInstrumentsRecordedAsAsse... "http://www.alcoa.com/20240630/taxonomy/role_DisclosureDerivativesAndOtherFinancialInstrumentsScheduleOfQuantitativeInformationForLevel3DerivativeContractsDeta...], "lang": { "en-us": { "role": { "terseLabel": "Energy Contracts [Member]", "label": "Energy Related Derivative [Member]", "documentation": "Derivative instrument whose primary underlying risk is tied to energy, for example, but not limited to, crude oil, electricity and natural gas." } } }, "auth_ref": [] }, "dei_EntityAddressAddressLine1": { "xbrltype": "normalizedStringItemType", "nsuri": "http://xbrl.sec.gov/dei/2024", "localname": "EntityAddressAddressLine1", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role_DocumentDocumentAndEntityInformation"], "lang": { "en-us": { "role": { "terseLabel": "Entity Address, Address Line One", "label": "Entity Address, Address Line One", "documentation": "Address Line 1 such as Attn, Building Name, Street Name" } } }, "auth_ref": [] }, "dei_EntityAddressAddressLine2": { "xbrltype": "normalizedStringItemType", "nsuri": "http://xbrl.sec.gov/dei/2024", "localname": "EntityAddressAddressLine2", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role_DocumentDocumentAndEntityInformation"], "lang": { "en-us": { "role": { "terseLabel": "Entity Address, Address Line Two", "label": "Entity Address, Address Line Two", "documentation": "Address Line 2 such as Street or Suite number" } } }, "auth_ref": [] }, "dei_EntityAddressCityOrTown": { "xbrltype": "normalizedStringItemType", "nsuri": "http://xbrl.sec.gov/dei/2024", "localname": "EntityAddressCityOrTown", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role_DocumentDocumentAndEntityInformation"], "lang": { "en-us": { "role": { "terseLabel": "Entity Address, City or Town", "label": "Entity Address, City or Town", "documentation": "Name of the City or Town" } } }, "auth_ref": [] }, "dei_EntityAddressPostalZipCode": { "xbrltype": "normalizedStringItemType", "nsuri": "http://xbrl.sec.gov/dei/2024", "localname": "EntityAddressPostalZipCode", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role_DocumentDocumentAndEntityInformation"], "lang": { "en-us": { "role": { "terseLabel": "Entity Address, Postal Zip Code", "label": "Entity Address, Postal Zip Code", "documentation": "Code for the postal or zip code" } } }, "auth_ref": [] }, "dei_EntityAddressStateOrProvince": { "xbrltype": "stateOrProvinceItemType", "nsuri": "http://xbrl.sec.gov/dei/2024", "localname": "EntityAddressStateOrProvince", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role_DocumentDocumentAndEntityInformation"], "lang": { "en-us": { "role": { "terseLabel": "Entity Address, State or Province", "label": "Entity Address, State or Province", "documentation": "Name of the state or province." } } }, "auth_ref": [] }, "dei_EntityCentralIndexKey": { "xbrltype": "centralIndexKeyItemType", "nsuri": "http://xbrl.sec.gov/dei/2024", "localname": "EntityCentralIndexKey", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role_DocumentDocumentAndEntityInformation"], "lang": { "en-us": { "role": { "terseLabel": "Entity Central Index Key", "label": "Entity Central Index Key", "documentation": "A unique 10-digit SEC-issued value to identify entities that have filed disclosures with the SEC. It is commonly abbreviated as CIK." } } }, "auth_ref": ["r1114"] }, "dei_EntityCommonStockSharesOutstanding": { "xbrltype": "sharesItemType", "nsuri": "http://xbrl.sec.gov/dei/2024", "localname": "EntityCommonStockSharesOutstanding", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role_DocumentDocumentAndEntityInformation"], "lang": { "en-us": { "role": { "terseLabel": "Entity Common Stock, Shares Outstanding", "label": "Entity Common Stock, Shares Outstanding", "documentation": "Indicate number of shares or other units outstanding of each of registrant's classes of capital or common stock or other ownership interests, if and as stated on cover of related periodic report. Where multiple classes or units exist define each class/interest by adding class of stock items such as Common Class A [Member], Common Class B [Member] or Partnership Interest [Member] onto the Instrument [Domain] of the Entity Listings, Instrument." } } }, "auth_ref": [] }, "dei_EntityCurrentReportingStatus": { "xbrltype": "yesNoItemType", "nsuri": "http://xbrl.sec.gov/dei/2024", "localname": "EntityCurrentReportingStatus", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role_DocumentDocumentAndEntityInformation"], "lang": { "en-us": { "role": { "terseLabel": "Entity Current Reporting Status", "label": "Entity Current Reporting Status", "documentation": "Indicate 'Yes' or 'No' whether registrants (1) have filed all reports required to be filed by Section 13 or 15(d) of the Securities Exchange Act of 1934 during the preceding 12 months (or for such shorter period that registrants were required to file such reports), and (2) have been subject to such filing requirements for the past 90 days. This information should be based on the registrant's current or most recent filing containing the related disclosure." } } }, "auth_ref": [] }, "dei_EntityDomain": { "xbrltype": "domainItemType", "nsuri": "http://xbrl.sec.gov/dei/2024", "localname": "EntityDomain", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role_DisclosureAcquisitionsAndDivestituresAdditionalInformationDetail", "http://www.alcoa.com/20240630/taxonomy/role_DisclosureContingenciesAdditionalInformation1Detail", "http://www.alcoa.com/20240630/taxonomy/role_DisclosureDebtAdditionalInformationDetail", "http://www.alcoa.com/20240630/taxonomy/role_DisclosureBasisOfPresentationAdditionalInformationDetail", "http://www.alcoa.com/20240630/taxonomy/role_DisclosureDerivativesAndOtherFinancialInstrumentsScheduleOfQuantitativeInformationForLevel3DerivativeContractsDeta... "http://www.alcoa.com/20240630/taxonomy/role_DisclosureInvestmentsAdditionalInformationDetail",

"http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureInvestmentsSummaryOfUnauditedFinancialInformationForAlcoaCorporationSEquityInvestmentsDetail"], *"lang"*: { *"en-us"*: { *"role"*: { *"terseLabel"*: *"Entity"*, *"label"*: *"Entity [Domain]"*, *"documentation"*: *"All the names of the entities being reported upon in a document. Any legal structure used to conduct activities or to hold assets. Some examples of such structures are corporations, partnerships, limited liability companies, grantor trusts, and other trusts. This item does not include business and geographical segments which are included in the geographical or business segments domains."* } } }, *"auth_ref"*: [] }, *"dei_EntityEmergingGrowthCompany"*: { *"xbrltype"*: *"booleanItemType"*, *"nsuri"*: *"http://xbrl.sec.gov/dei/2024"*, *"localname"*: *"EntityEmergingGrowthCompany"*, *"presentation"*: [*"http://www.alcoa.com/20240630/taxonomy/role/Role_DocumentDocumentAndEntityInformation"*], *"lang"*: { *"en-us"*: { *"role"*: { *"terseLabel"*: *"Entity Emerging Growth Company"*, *"label"*: *"Entity Emerging Growth Company"*, *"documentation"*: *"Indicate if registrant meets the emerging growth company criteria."* } } }, *"auth_ref"*: [*"r1114"*] }, *"dei_EntityFileNumber"*: { *"xbrltype"*: *"fileNumberItemType"*, *"nsuri"*: *"http://xbrl.sec.gov/dei/2024"*, *"localname"*: *"EntityFileNumber"*, *"presentation"*: [*"http://www.alcoa.com/20240630/taxonomy/role/Role_DocumentDocumentAndEntityInformation"*], *"lang"*: { *"en-us"*: { *"role"*: { *"terseLabel"*: *"Entity File Number"*, *"label"*: *"Securities Act File Number"*, *"documentation"*: *"Commission file number. The field allows up to 17 characters. The prefix may contain 1-3 digits, the sequence number may contain 1-8 digits, the optional suffix may contain 1-4 characters, and the fields are separated with a hyphen."* } } }, *"auth_ref"*: [] }, *"dei_EntityFilerCategory"*: { *"xbrltype"*: *"filerCategoryItemType"*, *"nsuri"*: *"http://xbrl.sec.gov/dei/2024"*, *"localname"*: *"EntityFilerCategory"*, *"presentation"*: [*"http://www.alcoa.com/20240630/taxonomy/role/Role_DocumentDocumentAndEntityInformation"*], *"lang"*: { *"en-us"*: { *"role"*: { *"terseLabel"*: *"Entity Filer Category"*, *"label"*: *"Entity Filer Category"*, *"documentation"*: *"Indicate whether the registrant is one of the following: Large Accelerated Filer, Accelerated Filer, Non-accelerated Filer. Definitions of these categories are stated in Rule 12b-2 of the Exchange Act. This information should be based on the registrant's current or most recent filing containing the related disclosure."* } } }, *"auth_ref"*: [*"r1114"*] }, *"dei_EntityIncorporationStateCountryCode"*: { *"xbrltype"*: *"edgarStateCountryItemType"*, *"nsuri"*: *"http://xbrl.sec.gov/dei/2024"*, *"localname"*: *"EntityIncorporationStateCountryCode"*, *"presentation"*: [*"http://www.alcoa.com/20240630/taxonomy/role/Role_DocumentDocumentAndEntityInformation"*], *"lang"*: { *"en-us"*: { *"role"*: { *"terseLabel"*: *"Entity Incorporation, State or Country Code"*, *"label"*: *"Entity Incorporation, State or Country Code"*, *"documentation"*: *"Two-character EDGAR code representing the state or country of incorporation."* } } }, *"auth_ref"*: [] }, *"dei_EntityInteractiveDataCurrent"*: { *"xbrltype"*: *"yesNoItemType"*, *"nsuri"*: *"http://xbrl.sec.gov/dei/2024"*, *"localname"*: *"EntityInteractiveDataCurrent"*, *"presentation"*: [*"http://www.alcoa.com/20240630/taxonomy/role/Role_DocumentDocumentAndEntityInformation"*], *"lang"*: { *"en-us"*: { *"role"*: { *"terseLabel"*: *"Entity Interactive Data Current"*, *"label"*: *"Entity Interactive Data Current"*, *"documentation"*: *"Boolean flag that is true when the registrant has submitted electronically every Interactive Data File required to be submitted pursuant to Rule 405 of Regulation S-T during the preceding 12 months (or for such shorter period that the registrant was required to submit such files)."* } } }, *"auth_ref"*: [*"r1198"*] }, *"dei_EntityNumberOfEmployees"*: { *"xbrltype"*: *"decimalItemType"*, *"nsuri"*: *"http://xbrl.sec.gov/dei/2024"*, *"localname"*: *"EntityNumberOfEmployees"*, *"presentation"*: [*"http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureRestructuringAndOtherChargesNetAdditionalInformationDetail"*], *"lang"*: { *"en-us"*: { *"role"*: { *"terseLabel"*: *"Number of employees"*, *"label"*: *"Entity Number of Employees"*, *"documentation"*: *"Number of persons employed by the Entity"* } } }, *"auth_ref"*: [] }, *"dei_EntityRegistrantName"*: { *"xbrltype"*: *"normalizedStringItemType"*, *"nsuri"*: *"http://xbrl.sec.gov/dei/2024"*, *"localname"*: *"EntityRegistrantName"*, *"presentation"*: [*"http://www.alcoa.com/20240630/taxonomy/role/Role_DocumentDocumentAndEntityInformation"*], *"lang"*: { *"en-us"*: { *"role"*: { *"terseLabel"*: *"Entity Registrant Name"*, *"label"*: *"Entity Registrant Name"*, *"documentation"*: *"The exact name of the entity filing the report as specified in its charter, which is required by forms filed with the SEC."* } } }, *"auth_ref"*: [*"r1114"*] }, *"dei_EntityShellCompany"*: { *"xbrltype"*: *"booleanItemType"*, *"nsuri"*: *"http://xbrl.sec.gov/dei/2024"*, *"localname"*: *"EntityShellCompany"*, *"presentation"*: [*"http://www.alcoa.com/20240630/taxonomy/role/Role_DocumentDocumentAndEntityInformation"*], *"lang"*: { *"en-us"*: { *"role"*: { *"terseLabel"*: *"Entity Shell Company"*, *"label"*: *"Entity Shell Company"*, *"documentation"*: *"Boolean flag that is true when the registrant is a shell company as defined in Rule 12b-2 of the Exchange Act."* } } }, *"auth_ref"*: [*"r1114"*] }, *"dei_EntitySmallBusiness"*: { *"xbrltype"*: *"booleanItemType"*, *"nsuri"*: *"http://xbrl.sec.gov/dei/2024"*, *"localname"*: *"EntitySmallBusiness"*, *"presentation"*: [*"http://www.alcoa.com/20240630/taxonomy/role/Role_DocumentDocumentAndEntityInformation"*], *"lang"*: { *"en-us"*: { *"role"*: { *"terseLabel"*: *"Entity Small Business"*, *"label"*: *"Entity Small Business"*, *"documentation"*: *"Indicates that the company is a Smaller Reporting Company (SRC)."* } } }, *"auth_ref"*: [*"r1114"*] }, *"dei_EntityTaxIdentificationNumber"*: { *"xbrltype"*: *"employerIdItemType"*, *"nsuri"*: *"http://xbrl.sec.gov/dei/2024"*, *"localname"*: *"EntityTaxIdentificationNumber"*, *"presentation"*: [*"http://www.alcoa.com/20240630/taxonomy/role/Role_DocumentDocumentAndEntityInformation"*], *"lang"*: { *"en-us"*: { *"role"*: { *"terseLabel"*: *"Entity Tax Identification Number"*, *"label"*: *"Entity Tax Identification Number"*, *"documentation"*: *"The Tax Identification Number (TIN), also known as an Employer Identification Number (EIN), is a unique 9-digit value assigned by the IRS."* } } }, *"auth_ref"*: [*"r1114"*] }, *"aa_EnvironmentalActivitiesMember"*: { *"xbrltype"*: *"domainItemType"*, *"nsuri"*: *"http://www.alcoa.com/20240630"*, *"localname"*: *"EnvironmentalActivitiesMember"*, *"presentation"*: [*"http://www.alcoa.com/20240630/taxonomy/role/DisclosureContingenciesAdditionalInformationDetail"*], *"lang"*: { *"en-us"*: { *"role"*: { *"terseLabel"*: *"Environmental activiteis"*, *"label"*: *"Environmental Activities [Member]"*, *"documentation"*: *"environmental activities."*, *"verboseLabel"*: *"Environmental Activities [Member]"* } } }, *"auth_ref"*: [] }, *"aa_EnvironmentalAndAssetRetirementMember"*: { *"xbrltype"*: *"domainItemType"*, *"nsuri"*: *"http://www.alcoa.com/20240630"*, *"localname"*: *"EnvironmentalAndAssetRetirementMember"*, *"presentation"*: [*"http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureRestructuringAndOtherChargesNetAdditionalInformationDetail"*], *"lang"*: { *"en-us"*: { *"role"*: { *"documentation"*: *"Environmental And Asset Retirement."*, *"label"*: *"Environmental And Asset Retirement [Member]"* } } }, *"auth_ref"*: [] }, *"aa_EnvironmentalAndAssetRetirementObligationReservesMember"*: { *"xbrltype"*: *"domainItemType"*, *"nsuri"*: *"http://www.alcoa.com/20240630"*, *"localname"*: *"EnvironmentalAndAssetRetirementObligationReservesMember"*, *"presentation"*: [*"http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureRestructuringAndOtherChargesNetAdditionalInformationDetail"*], *"lang"*: { *"en-us"*: { *"role"*: { *"documentation"*: *"Environmental and asset retirement obligation reserves."*, *"label"*: *"Environmental and Asset Retirement Obligation Reserves [Member]"*, *"terseLabel"*: *"Environmental and Asset Retirement Obligation Reserves [Member]"* } } }, *"auth_ref"*: [] }, *"aa_EnvironmentalAndDemolitionObligationMember"*: { *"xbrltype"*: *"domainItemType"*, *"nsuri"*: *"http://www.alcoa.com/20240630"*, *"localname"*: *"EnvironmentalAndDemolitionObligationMember"*, *"presentation"*: [*"http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureRestructuringAndOtherChargesNetAdditionalInformationDetail"*], *"lang"*: { *"en-us"*: { *"role"*: { *"label"*: *"Environmental and Demolition Obligation [Member]"*, *"documentation"*: *"Environmental and demolition obligation."* } } }, *"auth_ref"*: [] }, *"us-gaap_EnvironmentalLossContingencyCurrentStatementOfFinancialPositionExtensibleEnumeration"*: { *"xbrltype"*: *"enumerationSetItemType"*, *"nsuri"*: *"http://fasb.org/us-gaap/2024"*, *"localname"*: *"EnvironmentalLossContingencyCurrentStatementOfFinancialPositionExtensibleEnumeration"*, *"presentation"*: [*"http://www.alcoa.com/20240630/taxonomy/role/DisclosureContingenciesAdditionalInformationDetail"*], *"lang"*: { *"en-us"*: { *"role"*: { *"label"*: *"Environmental Loss Contingency, Current, Statement of Financial Position [Extensible Enumeration]"*, *"documentation"*: *"Indicates line item in statement of financial position that includes accrual for environmental loss contingency classified as current."* } } }, *"auth_ref"*: [*"r436"*] }, *"us-gaap_EnvironmentalLossContingencyStatementOfFinancialPositionExtensibleEnumeration"*: { *"xbrltype"*: *"enumerationSetItemType"*, *"nsuri"*: *"http://fasb.org/us-gaap/2024"*, *"localname"*: *"EnvironmentalLossContingencyStatementOfFinancialPositionExtensibleEnumeration"*, *"presentation"*: [*"http://www.alcoa.com/20240630/taxonomy/role/DisclosureContingenciesChangesInCarryingValueOfRecordedEnvironmentalRemediationReservesDetail"*], *"lang"*: { *"en-us"*: { *"role"*: { *"label"*: *"Environmental Loss Contingency, Statement of Financial Position [Extensible Enumeration]"*, *"documentation"*: *"Indicates line item in statement of financial position that includes accrual for environmental loss contingency."* } } }, *"auth_ref"*: [*"r436"*, *"r1034"*] }, *"aa_EnvironmentalRemediationWorkCompletionPeriod"*: { *"xbrltype"*: *"durationItemType"*, *"nsuri"*: *"http://www.alcoa.com/20240630"*, *"localname"*: *"EnvironmentalRemediationWorkCompletionPeriod"*, *"presentation"*: [*"http://www.alcoa.com/20240630/taxonomy/role/DisclosureContingenciesAdditionalInformationDetail"*], *"lang"*: { *"en-us"*: { *"role"*: { *"terseLabel"*: *"Environmental remediation work completion period"*, *"label"*: *"Environmental Remediation Work Completion Period"*, *"documentation"*: *"Environmental remediation work completion period."* } } }, *"auth_ref"*: [] }, *"ecd_EqtyAwrdsAdjFnTextBlock"*: { *"xbrltype"*: *"textBlockItemType"*, *"nsuri"*: *"http://xbrl.sec.gov/ecd/2024"*, *"localname"*: *"EqtyAwrdsAdjFnTextBlock"*, *"presentation"*: [*"http://xbrl.sec.gov/ecd/role/PvpDisclosure"*], *"lang"*: { *"en-us"*: { *"role"*: { *"label"*: *"Equity Awards Adjustments, Footnote [Text Block]"*, *"terseLabel"*: *"Equity Awards Adjustments, Footnote"* } } }, *"auth_ref"*: [*"r1153"*] }, *"ecd_EqtyAwrdsAdjsExclgValRprtdInSummryCompstnTblMember"*: { *"xbrltype"*: *"domainItemType"*, *"nsuri"*: *"http://xbrl.sec.gov/ecd/2024"*, *"localname"*: *"EqtyAwrdsAdjsExclgValRprtdInSummryCompstnTblMember"*, *"presentation"*: [*"http://xbrl.sec.gov/ecd/role/PvpDisclosure"*], *"lang"*: { *"en-us"*: { *"role"*: { *"label"*: *"Equity Awards Adjustments, Excluding Value Reported in the Compensation Table [Member]"*, *"terseLabel"*: *"Equity Awards Adjustments, Excluding Value Reported in Compensation Table"* } } }, *"auth_ref"*: [*"r1194"*] }, *"ecd_EqtyAwrdsAdjsMember"*: { *"xbrltype"*: *"domainItemType"*, *"nsuri"*: *"http://xbrl.sec.gov/ecd/2024"*, *"localname"*: *"EqtyAwrdsAdjsMember"*, *"presentation"*: [*"http://xbrl.sec.gov/ecd/role/PvpDisclosure"*], *"lang"*: { *"en-us"*: { *"role"*: { *"label"*: *"Equity Awards Adjustments [Member]"*, *"terseLabel"*: *"Equity Awards Adjustments"* } } }, *"auth_ref"*: [*"r1194"*] }, *"ecd_EqtyAwrdsInSummryCompstnTblForAplblYrMember"*: { *"xbrltype"*: *"domainItemType"*, *"nsuri"*: *"http://xbrl.sec.gov/ecd/2024"*, *"localname"*: *"EqtyAwrdsInSummryCompstnTblForAplblYrMember"*, *"presentation"*: [*"http://xbrl.sec.gov/ecd/role/PvpDisclosure"*], *"lang"*: { *"en-us"*: { *"role"*: { *"label"*: *"Aggregate Grant Date Fair Value of Equity Award Amounts Reported in Summary Compensation Table [Member]"*, *"terseLabel"*: *"Aggregate Grant Date Fair Value of Equity Award Amounts Reported in Summary Compensation Table"* } } }, *"auth_ref"*: [*"r1194"*] }, *"us-gaap_EquityAbstract"*: { *"xbrltype"*: *"stringItemType"*, *"nsuri"*: *"http://fasb.org/us-gaap/2024"*, *"localname"*: *"EquityAbstract"*, *"lang"*: { *"en-us"*: { *"role"*: { *"label"*: *"Equity [Abstract]"* } } }, *"auth_ref"*: [] }, *"us-gaap_EquityComponentDomain"*: { *"xbrltype"*: *"domainItemType"*, *"nsuri"*: *"http://fasb.org/us-gaap/2024"*, *"localname"*: *"EquityComponentDomain"*, *"presentation"*: [*"http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureAccumulatedOtherComprehensiveLossSummaryOfChangesInAccumulatedOtherComprehensiveLossIncomeByCo"*, *"http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureDerivativesAndOtherFinancialInstrumentsScheduleOfDetailForLevel1And3DerivativesDetail"*, *"http://www.alcoa.com/20240630/taxonomy/role/Role_StatementStatementOfChangesInConsolidatedEquityUnaudited"*], *"lang"*: { *"en-us"*: { *"role"*: { *"terseLabel"*: *"Equity Component"*, *"label"*: *"Equity Component [Domain]"*, *"documentation"*: *"Components of equity are the parts of the total Equity balance including that which is allocated to common, preferred, treasury stock, retained earnings, etc."* } } }, *"auth_ref"*: [*"r20"*, *"r183"*, *"r219"*, *"r220"*, *"r221"*, *"r239"*, *"r240"*, *"r241"*, *"r245"*, *"r252"*, *"r254"*, *"r256"*, *"r277"*, *"r364"*, *"r370"*, *"r403"*, *"r484"*, *"r619"*, *"r620"*, *"r631"*, *"r632"*, *"r633"*, *"r637"*, *"r644"*, *"r645"*, *"r662"*, *"r663"*, *"r664"*, *"r665"*, *"r666"*, *"r668"*, *"r675"*, *"r712"*, *"r714"*, *"r715"*, *"r716"*, *"r717"*, *"r718"*, *"r723"*, *"r725"*, *"r730"*, *"r838"*, *"r869"*, *"r870"*, *"r871"*, *"r887"*, *"r958"*] }, *"srt_EquityMethodInvesteeNameDomain"*: { *"xbrltype"*: *"domainItemType"*, *"nsuri"*: *"http://fasb.org/srt/2024"*, *"localname"*: *"EquityMethodInvesteeNameDomain"*, *"presentation"*: [*"http://www.alcoa.com/20240630/taxonomy/role/DisclosureAcquisitionsAndDivestituresAdditionalInformationDetail"*, *"http://www.alcoa.com/20240630/taxonomy/role/DisclosureContingenciesAdditionalInformation1Detail"*, *"http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureBasisOfPresentationAdditionalInformationDetail"*, *"http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureInvestmentsAdditionalInformationDetail"*, *"http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureInvestmentsSummaryOfUnauditedFinancialInformationForAlcoaCorporationSEquityInvestmentsDetail"*, *"http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureRestructuringAndOtherChargesNetAdditionalInformationDetail"*], *"lang"*: { *"en-us"*: { *"role"*: { *"terseLabel"*: *"Investment, Name"*, *"label"*: *"Investment, Name [Domain]"* } } }, *"auth_ref"*: [*"r355"*, *"r356"*, *"r358"*, *"r628"*, *"r1203"*, *"r1204"*, *"r1205"*, *"r1375"*, *"r1376"*, *"r1377"*, *"r1378"*] }, *"us-gaap_EquityMethodInvestmentNonconsolidatedInvesteeAxis"*: { *"xbrltype"*: *"stringItemType"*, *"nsuri"*: *"http://fasb.org/us-gaap/2024"*, *"localname"*: *"EquityMethodInvestmentNonconsolidatedInvesteeAxis"*, *"presentation"*: [*"http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureInvestmentsSummaryOfUnauditedFinancialInformationForAlcoaCorporationSEquityInvestmentsDetail"*], *"lang"*: { *"en-us"*: { *"role"*: { *"terseLabel"*: *"Equity Method Investment, Nonconsolidated Investee"*, *"label"*: *"Equity Method Investment, Nonconsolidated Investee [Axis]"*, *"documentation"*: *"Information by nonconsolidated equity method investee. Excludes information consolidated by reporting entity."* } } }, *"auth_ref"*: [*"r188"*, *"r236"*, *"r359"*, *"r706"*, *"r777"*, *"r778"*, *"r783"*, *"r790"*, *"r797"*, *"r798"*, *"r809"*, *"r811"*, *"r1083"*, *"r1084"*, *"r1085"*, *"r1086"*, *"r1087"*, *"r1088"*, *"r1089"*, *"r1090"*, *"r1091"*, *"r1092"*, *"r1093"*, *"r1094"*] }, *"us-gaap_EquityMethodInvestmentNonconsolidatedInvesteeDomain"*: { *"xbrltype"*: *"domainItemType"*, *"nsuri"*: *"http://fasb.org/us-gaap/2024"*, *"localname"*: *"EquityMethodInvestmentNonconsolidatedInvesteeDomain"*, *"presentation"*: [*"http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureInvestmentsSummaryOfUnauditedFinancialInformationForAlcoaCorporationSEquityInvestmentsDetail"*], *"lang"*: { *"en-us"*: { *"role"*: { *"terseLabel"*: *"Equity Method Investment, Nonconsolidated Investee"*, *"label"*: *"Equity Method Investment, Nonconsolidated Investee [Domain]"*, *"documentation"*: *"Nonconsolidated equity method investee. Excludes information consolidated by reporting entity."* } } }, *"auth_ref"*: [*"r188"*, *"r236"*, *"r359"*, *"r706"*, *"r777"*, *"r778"*, *"r783"*, *"r790"*, *"r797"*, *"r798"*, *"r809"*, *"r811"*, *"r1083"*, *"r1084"*, *"r1085"*, *"r1086"*, *"r1087"*, *"r1088"*, *"r1089"*, *"r1090"*, *"r1091"*, *"r1092"*, *"r1093"*, *"r1094"*] }, *"us-gaap_EquityMethodInvestmentNonconsolidatedInvesteeOrGroupOfInvesteesMember"*: { *"xbrltype"*: *"domainItemType"*, *"nsuri"*: *"http://fasb.org/us-gaap/2024"*, *"localname"*: *"EquityMethodInvestmentNonconsolidatedInvesteeOrGroupOfInvesteesMember"*, *"presentation"*: [*"http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureInvestmentsSummaryOfUnauditedFinancialInformationForAlcoaCorporationSEquityInvestmentsDetail"*], *"lang"*: { *"en-us"*: { *"role"*: { *"terseLabel"*: *"Equity Method Investment, Nonconsolidated Investee or Group of Investees [Member]"*, *"label"*: *"Equity Method Investment, Nonconsolidated Investee or Group of Investees [Member]"*, *"documentation"*: *"Nonconsolidated equity method investee or group of nonconsolidated investees. Excludes information consolidated by reporting entity."* } } }, *"auth_ref"*: [*"r1220"*, *"r1239"*, *"r1265"*, *"r1396"*] }, *"aa_EquityMethodInvestmentUnrecognizedGainLoss"*: { *"xbrltype"*:

"monetaryItemType", "nsuri": "http://www.alcoa.com/20240630", "localname": "EquityMethodInvestmentUnrecognizedGainLoss", "crdr": "credit", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureInvestmentsAdditionalInformationDetail"], "lang": { "en-us": { "role": { "negatedLabel": "Unrecognized losses", "label": "Equity Method Investment Unrecognized Gain Loss", "documentation": "Equity method investment unrecognized gain (loss)." } } }, "auth_ref": [] }, "us-gaap_EquityMethodInvestmentsAndJointVenturesAbstract": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "EquityMethodInvestmentsAndJointVenturesAbstract", "lang": { "en-us": { "role": { "label": "Equity Method Investments and Joint Ventures [Abstract]" } } }, "auth_ref": [] }, "us-gaap_EquityMethodInvestmentsDisclosureTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "EquityMethodInvestmentsDisclosureTextBlock", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureInvestments"], "lang": { "en-us": { "role": { "terseLabel": "Investments", "label": "Equity Method Investments and Joint Ventures Disclosure [Text Block]", "documentation": "The entire disclosure for equity method investments and joint ventures. Equity method investments are investments that give the investor the ability to exercise significant influence over the operating and financial policies of an investee. Joint ventures are entities owned and operated by a small group of businesses as a separate and specific business or project for the mutual benefit of the members of the group." } } }, "auth_ref": ["r181", "r357", "r360", "r1205"] }, "us-gaap_EquityMethodInvestmentsTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "EquityMethodInvestmentsTextBlock", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureInvestmentsTables"], "lang": { "en-us": { "role": { "terseLabel": "Summary of Unaudited Financial Information for Alcoa Corporation's Equity Investments", "label": "Equity Method Investments [Table Text Block]", "documentation": "Tabular disclosure of equity method investments including, but not limited to, name of each investee or group of investments, percentage ownership, difference between recorded amount of an investment and the value of the underlying equity in the net assets, and summarized financial information." } } }, "auth_ref": ["r354"] }, "ecd_EquityValuationAssumptionDifferenceFnTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://xbrl.sec.gov/ecd/2024", "localname": "EquityValuationAssumptionDifferenceFnTextBlock", "presentation": ["http://xbrl.sec.gov/ecd/role/PvpDisclosure"], "lang": { "en-us": { "role": { "label": "Equity Valuation Assumption Difference, Footnote [Text Block]", "terseLabel": "Equity Valuation Assumption Difference, Footnote" } } }, "auth_ref": ["r1163"] }, "ecd_ErrCompAnalysisTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://xbrl.sec.gov/ecd/2024", "localname": "ErrCompAnalysisTextBlock", "presentation": ["http://xbrl.sec.gov/ecd/role/ErrCompDisclosure"], "lang": { "en-us": { "role": { "label": "Erroneous Compensation Analysis [Text Block]", "terseLabel": "Erroneous Compensation Analysis" } } }, "auth_ref": ["r1121", "r1131", "r1141", "r1173"] }, "ecd_ErrCompRecoveryTable": { "xbrltype": "stringItemType", "nsuri": "http://xbrl.sec.gov/ecd/2024", "localname": "ErrCompRecoveryTable", "presentation": ["http://xbrl.sec.gov/ecd/role/ErrCompDisclosure"], "lang": { "en-us": { "role": { "label": "Erroneously Awarded Compensation Recovery [Table]", "terseLabel": "Erroneously Awarded Compensation Recovery" } } }, "auth_ref": ["r1118", "r1128", "r1138", "r1170"] }, "us-gaap_EstimateOfFairValueFairValueDisclosureMember": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "EstimateOfFairValueFairValueDisclosureMember", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureDerivativesAndOtherFinancialInstrumentsScheduleOfCarryingValuesAndFairValuesOfOtherFinancialInstrument], "lang": { "en-us": { "role": { "terseLabel": "Fair Value [Member]", "label": "Estimate of Fair Value Measurement [Member]", "documentation": "Measured as an estimate of fair value." } } }, "auth_ref": ["r465", "r705", "r1041", "r1042"] }, "aa_EstimatedAnnualizedEffectiveTaxRate": { "xbrltype": "percentItemType", "nsuri": "http://www.alcoa.com/20240630", "localname": "EstimatedAnnualizedEffectiveTaxRate", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureIncomeTaxesScheduleOfIncomeTaxesDetail"], "lang": { "en-us": { "role": { "terseLabel": "Estimated annualized effective tax rate", "label": "Estimated Annualized Effective Tax Rate", "documentation": "Estimated annualized effective tax rate." } } }, "auth_ref": [] }, "aa_EstimatedLiabilitiesForFutureSiteSeparationCommitmentCharge": { "xbrltype": "monetaryItemType", "nsuri": "http://www.alcoa.com/20240630", "localname": "EstimatedLiabilitiesForFutureSiteSeparationCommitmentCharge", "crdr": "debit", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/DisclosureAcquisitionsAndDivestituresAdditionalInformationDetail"], "lang": { "en-us": { "role": { "terseLabel": "Estimated liabilities for future site separation commitment charge", "label": "Estimated Liabilities For Future Site Separation Commitment Charge", "documentation": "Estimated liabilities for future site separation commitment charge." } } }, "auth_ref": [] }, "aa_EstimatedSpreadBetweenTheRespectiveThirtyYearDebtYieldOfAlcoaCorporationAndTheCounterpartyMember": { "xbrltype": "domainItemType", "nsuri": "http://www.alcoa.com/20240630", "localname": "EstimatedSpreadBetweenTheRespectiveThirtyYearDebtYieldOfAlcoaCorporationAndTheCounterpartyMember", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureDerivativesAndOtherFinancialInstrumentsScheduleOfQuantitativeInformationForLevel3DerivativeContractsDeta], "lang": { "en-us": { "role": { "terseLabel": "Estimated Spread Between The Respective 30-Year Debt Yield Of Alcoa Corporation And The Counterparty [Member]", "label": "Estimated Spread Between The Respective Thirty Year Debt Yield Of Alcoa Corporation And The Counterparty [Member]", "documentation": "Estimated spread between the respective thirty year debt yield of Alcoa Corporation and the counterparty." } } }, "auth_ref": [] }, "ecd_ExecutiveCategoryAxis": { "xbrltype": "stringItemType", "nsuri": "http://xbrl.sec.gov/ecd/2024", "localname": "ExecutiveCategoryAxis", "presentation": ["http://xbrl.sec.gov/ecd/role/PvpDisclosure"], "lang": { "en-us": { "role": { "label": "Executive Category [Axis]", "terseLabel": "Executive Category:" } } }, "auth_ref": ["r1169"] }, "aa_ExpectedAdditionalTermForReuseOfResidueBed": { "xbrltype": "monetaryItemType", "nsuri": "http://www.alcoa.com/20240630", "localname": "ExpectedAdditionalTermForReuseOfResidueBed", "crdr": "debit", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/DisclosureContingenciesAdditionalInformationDetail"], "lang": { "en-us": { "role": { "terseLabel": "Expected additional term for reuse of residue bed", "label": "Expected Additional Term For Reuse Of Residue Bed", "documentation": "Expected additional term for reuse of residue bed." } } }, "auth_ref": [] }, "aa_ExtendedMaturityDateOfCreditFacility": { "xbrltype": "gYearMonthItemType", "nsuri": "http://www.alcoa.com/20240630", "localname": "ExtendedMaturityDateOfCreditFacility", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/DisclosureDebtAdditionalInformationDetail"], "lang": { "en-us": { "role": { "terseLabel": "Extended maturity date of credit facility", "label": "Extended Maturity Date Of Credit Facility", "documentation": "Extended maturity date of credit facility." } } }, "auth_ref": [] }, "us-gaap_ExtinguishmentOfDebtAxis": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ExtinguishmentOfDebtAxis", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/DisclosureReceivablesAdditionalInformationDetail"], "lang": { "en-us": { "role": { "label": "Extinguishment of Debt [Axis]", "documentation": "Information by type of debt extinguished." } } }, "auth_ref": ["r53"] }, "us-gaap_ExtinguishmentOfDebtTypeDomain": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ExtinguishmentOfDebtTypeDomain", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/DisclosureReceivablesAdditionalInformationDetail"], "lang": { "en-us": { "role": { "label": "Extinguishment of Debt, Type [Domain]", "documentation": "Type of debt extinguished." } } }, "auth_ref": ["r53"] }, "us-gaap_FairValueAssetsAndLiabilitiesMeasuredOnRecurringAndNonrecurringBasisLineItems": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "FairValueAssetsAndLiabilitiesMeasuredOnRecurringAndNonrecurringBasisLineItems", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureDerivativesAndOtherFinancialInstrumentsAdditionalInformationDetail", "http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureDerivativesAndOtherFinancialInstrumentsScheduleOfDetailForLevel1And3DerivativesDetail", "http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureDerivativesAndOtherFinancialInstrumentsScheduleOfOutstandingQuantitiesOfDerivativeInstrumentsDetail"], "lang": { "en-us": { "role": { "terseLabel": "Fair Value Assets And Liabilities Measured On Recurring And Nonrecurring Basis [Line Items]", "label": "Fair Value, Assets and Liabilities Measured on Recurring and Nonrecurring Basis [Line Items]", "documentation": "Line items represent financial concepts included in a table. These concepts are used to disclose reportable information associated with domain members defined in one or many axes to the table." } } }, "auth_ref": ["r679", "r680", "r693", "r1069"] }, "us-gaap_FairValueAssetsAndLiabilitiesMeasuredOnRecurringAndNonrecurringBasisTable": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "FairValueAssetsAndLiabilitiesMeasuredOnRecurringAndNonrecurringBasisTable", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureDerivativesAndOtherFinancialInstrumentsAdditionalInformationDetail", "http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureDerivativesAndOtherFinancialInstrumentsScheduleOfDetailForLevel1And3DerivativesDetail", "http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureDerivativesAndOtherFinancialInstrumentsScheduleOfOutstandingQuantitiesOfDerivativeInstrumentsDetail"], "lang": { "en-us": { "role": { "terseLabel": "Fair Value Assets And Liabilities Measured On Recurring And Nonrecurring Basis [Table]", "label": "Fair Value, Recurring and Nonrecurring [Table]", "documentation": "Disclosure of information about asset and liability measured at fair value on recurring and nonrecurring basis." } } }, "auth_ref": ["r679", "r680", "r693", "r1069"] }, "us-gaap_FairValueAssetsAndLiabilitiesMeasuredOnRecurringAndNonrecurringBasisTableTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "FairValueAssetsAndLiabilitiesMeasuredOnRecurringAndNonrecurringBasisTableTextBlock", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureDerivativesAndOtherFinancialInstrumentsTables"], "lang": { "en-us": { "role": { "terseLabel": "Schedule of Detail for Level 1 and 3 Derivatives", "label": "Fair Value Measurements, Recurring and Nonrecurring [Table Text Block]", "documentation": "Tabular disclosure of financial instrument measured at fair value on recurring or nonrecurring basis. Includes, but is not limited to, instrument classified in shareholders' equity." } } }, "auth_ref": ["r1069", "r1381", "r1382", "r1393"] }, "aa_FairValueAssetsLiabilitiesMeasuredOnRecurringBasisUnobservableInputReconciliationTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://www.alcoa.com/20240630", "localname": "FairValueAssetsLiabilitiesMeasuredOnRecurringBasisUnobservableInputReconciliationTextBlock", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureDerivativesAndOtherFinancialInstrumentsTables"], "lang": { "en-us": { "role": { "terseLabel": "Schedule of Reconciliation of Activity for Derivative Contracts", "label": "Fair Value Assets Liabilities Measured On Recurring Basis Unobservable Input Reconciliation [Text Block]", "documentation": "Tabular disclosure of the fair value measurement of assets and liabilities using significant unobservable inputs (Level 3), a reconciliation of the beginning and ending balances, separately presenting changes attributable to the following: (1) total gains or losses for the period (realized and unrealized), segregating those gains or losses included in earnings (or changes in net assets), and gains or losses recognized in other comprehensive income (loss) and a description of where those gains or losses included in earnings (or changes in net assets) are reported in the statement of income (or activities); (2) purchases, sales, issues, and settlements (each type disclosed separately); and (3) transfers in and transfers out of Level 3 (for example, transfers due to changes in the observability of significant inputs) by class of asset and liability." } } }, "auth_ref": [] }, "us-gaap_FairValueAssetsMeasuredOnRecurringBasisUnobservableInputReconciliationLineItems": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "FairValueAssetsMeasuredOnRecurringBasisUnobservableInputReconciliationLineItems", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureDerivativesAndOtherFinancialInstrumentsScheduleOfReconciliationOfActivityForDerivativeContractsDetail"], "lang": { "en-us": { "role": { "terseLabel": "Fair Value Assets Measured On Recurring Basis Unobservable Input Reconciliation [Line Items]", "label": "Fair Value, Assets Measured on Recurring Basis, Unobservable Input Reconciliation [Line Items]", "documentation": "Line items represent financial concepts included in a table. These concepts are used to disclose reportable information associated with domain members defined in one or many axes to the table." } } }, "auth_ref": ["r684", "r685", "r686", "r687", "r688", "r689", "r694", "r1071"] }, "us-gaap_FairValueAssetsMeasuredOnRecurringBasisUnobservableInputReconciliationTable": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "FairValueAssetsMeasuredOnRecurringBasisUnobservableInputReconciliationTable", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureDerivativesAndOtherFinancialInstrumentsScheduleOfReconciliationOfActivityForDerivativeContractsDetail"], "lang": { "en-us": { "role": { "terseLabel": "Fair Value Assets Measured On Recurring Basis Unobservable Input Reconciliation [Table]", "label": "Fair Value, Assets Measured on Recurring Basis, Unobservable Input Reconciliation [Table]", "documentation": "Disclosure of information about financial instrument asset measured at fair value on recurring basis using unobservable input." } } }, "auth_ref": ["r684", "r685", "r686", "r687", "r688", "r689", "r694", "r1071"] }, "us-gaap_FairValueByBalanceSheetGroupingTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "FairValueByBalanceSheetGroupingTextBlock", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureDerivativesAndOtherFinancialInstrumentsTables"], "lang": { "en-us": { "role": { "terseLabel": "Schedule of Carrying Values and Fair Values of Other Financial Instruments", "label": "Fair Value, by Balance Sheet Grouping [Table Text Block]", "documentation": "Tabular disclosure of the fair value of financial instruments, including financial assets and financial liabilities, and the measurements of those instruments, assets, and liabilities." } } }, "auth_ref": ["r90"] }, "us-gaap_FairValueByFairValueHierarchyLevelAxis": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "FairValueByFairValueHierarchyLevelAxis", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureDerivativesAndOtherFinancialInstrumentsAdditionalInformationDetail", "http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureDerivativesAndOtherFinancialInstrumentsScheduleOfFairValuesOfLevel3DerivativeInstrumentsRecordedAsAsse "http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureDerivativesAndOtherFinancialInstrumentsScheduleOfOutstandingQuantitiesOfDerivativeInstrumentsDetail", "http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureDerivativesAndOtherFinancialInstrumentsScheduleOfQuantitativeInformationForLevel3DerivativeContractsDeta], "lang": { "en-us": { "role": { "terseLabel": "Fair Value Hierarchy and NAV", "label": "Fair Value Hierarchy and NAV [Axis]", "documentation": "Information by level within fair value hierarchy and fair value measured at net asset value per share as practical expedient." } } }, "auth_ref": ["r465", "r515", "r516", "r517", "r518", "r519", "r520", "r678", "r680", "r681", "r682", "r683", "r692", "r693", "r695", "r742", "r743", "r744", "r1041", "r1042", "r1053", "r1054", "r1055", "r1069", "r1073"] }, "us-gaap_FairValueByMeasurementBasisAxis": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "FairValueByMeasurementBasisAxis",

"presentation": [

"http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureDerivativesAndOtherFinancialInstrumentsScheduleOfCarryingValuesAndFairValuesOfOtherFinancialInstrument], "lang": { "en-us": { "role": { "terseLabel": "Measurement Basis", "label": "Measurement Basis [Axis]", "documentation": "Information by measurement basis." } } }, "auth_ref": ["r465", "r1041", "r1042"] }, "us-gaap_FairValueDisclosureItemAmountsDomain": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "FairValueDisclosureItemAmountsDomain", "presentation": [

"http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureDerivativesAndOtherFinancialInstrumentsScheduleOfCarryingValuesAndFairValuesOfOtherFinancialInstrument], "lang": { "en-us": { "role": { "terseLabel": "Fair Value Measurement", "label": "Fair Value Measurement [Domain]", "documentation": "Measurement basis, for example, but not limited to, reported value, fair value, portion at fair value, portion at other than fair value." } } }, "auth_ref": ["r465", "r1041", "r1042"] }, "us-gaap_FairValueDisclosuresAbstract": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "FairValueDisclosuresAbstract", "lang": { "en-us": { "role": { "label": "Fair Value Disclosures [Abstract]" } } }, "auth_ref": [] }, "us-gaap_FairValueDisclosuresTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "FairValueDisclosuresTextBlock", "presentation": [

"http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureDerivativesAndOtherFinancialInstruments], "lang": { "en-us": { "role": { "terseLabel": "Derivatives and Other Financial Instruments", "label": "Fair Value Disclosures [Text Block]", "documentation": "The entire disclosure for the fair value of financial instruments (as defined), including financial assets and financial liabilities (collectively, as defined), and the measurements of those instruments as well as disclosures related to the fair value of non-financial assets and liabilities. Such disclosures about the financial instruments, assets, and liabilities would include: (1) the fair value of the required items together with their carrying amounts (as appropriate); (2) for items for which it is not practicable to estimate fair value, disclosure would include: (a) information pertinent to estimating fair value (including, carrying amount, effective interest rate, and maturity, and (b) the reasons why it is not practicable to estimate fair value; (3) significant concentrations of credit risk including: (a) information about the activity, region, or economic characteristics identifying a concentration, (b) the maximum amount of loss the entity is exposed to based on the gross fair value of the related item, (c) policy for requiring collateral or other security and information as to accessing such collateral or security, and (d) the nature and brief description of such collateral or security; (4) quantitative information about market risks and how such risks are managed; (5) for items measured on both a recurring and nonrecurring basis information regarding the inputs used to develop the fair value measurement; and (6) for items presented in the financial statement for which fair value measurement is elected: (a) information necessary to understand the reasons for the election, (b) discussion of the effect of fair value changes on earnings, (c) a description of [similar groups] items for which the election is made and the relation thereof to the balance sheet, the aggregate carrying value of items included in the balance sheet that are not eligible for the election; (7) all other required (as defined) and desired information." } } }, "auth_ref": ["r688", "r690", "r691", "r692", "r695", "r696", "r697", "r698", "r699", "r812", "r1069", "r1074"] }, "aa_FairValueInputsAssetsLiabilitiesQuantitativeInformationTableTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://www.alcoa.com/20240630", "localname": "FairValueInputsAssetsLiabilitiesQuantitativeInformationTableTextBlock", "presentation": [

"http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureDerivativesAndOtherFinancialInstrumentsTables], "lang": { "en-us": { "role": { "terseLabel": "Schedule of Quantitative Information for Level 3 Derivative Contracts", "label": "Fair Value Inputs Assets Liabilities Quantitative Information Table [Text Block]", "documentation": "Tabular disclosure of quantitative information about the inputs used in the fair value measurement of assets and liabilities. This disclosure may include, but is not limited to, the fair value of the asset or liability, valuation technique used to measure fair value, the inputs used to measure fair value, the ranges of the inputs, and the weighted averages of the inputs." } } }, "auth_ref": [] }, "us-gaap_FairValueInputsLevel1Member": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "FairValueInputsLevel1Member", "presentation": [

"http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureDerivativesAndOtherFinancialInstrumentsAdditionalInformationDetail",
"http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureDerivativesAndOtherFinancialInstrumentsScheduleOfOutstandingQuantitiesOfDerivativeInstrumentsDetail"], "lang": { "en-us": { "role": { "terseLabel": "Level 1 [Member]", "label": "Fair Value, Inputs, Level 1 [Member]", "documentation": "Quoted prices in active markets for identical assets or liabilities that the reporting entity can access at the measurement date." } } }, "auth_ref": ["r465", "r515", "r520", "r680", "r693", "r742", "r1053", "r1054", "r1055", "r1069"] }, "us-gaap_FairValueInputsLevel3Member": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "FairValueInputsLevel3Member", "presentation": [

"http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureDerivativesAndOtherFinancialInstrumentsScheduleOfFairValuesOfLevel3DerivativeInstrumentsRecordedAsAsset
"http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureDerivativesAndOtherFinancialInstrumentsScheduleOfQuantitativeInformationForLevel3DerivativeContractsDeta], "lang": { "en-us": { "role": { "terseLabel": "Level 3 [Member]", "label": "Fair Value, Inputs, Level 3 [Member]", "documentation": "Unobservable inputs that reflect the entity's own assumption about the assumptions market participants would use in pricing." } } }, "auth_ref": ["r465", "r515", "r516", "r517", "r518", "r519", "r520", "r680", "r681", "r682", "r683", "r693", "r744", "r1041", "r1042", "r1053", "r1054", "r1055", "r1069", "r1073"] }, "aa_FairValueLiabilitiesMeasuredOnRecurringBasisGainLossIncludedInOtherIncomeExpenseNet": { "xbrltype": "monetaryItemType", "nsuri": "http://www.alcoa.com/20240630", "localname": "FairValueLiabilitiesMeasuredOnRecurringBasisGainLossIncludedInOtherIncomeExpenseNet", "crdr": "credit", "presentation": [

"http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureDerivativesAndOtherFinancialInstrumentsScheduleOfReconciliationOfActivityForDerivativeContractsDetail"], "lang": { "en-us": { "role": { "terseLabel": "Other income, net", "label": "Fair Value Liabilities Measured On Recurring Basis Gain Loss Included In Other Income Expense Net", "documentation": "Fair value liabilities measured on recurring basis gain loss included in other (income) expense, net." } } }, "auth_ref": [] }, "us-gaap_FairValueMeasurementWithUnobservableInputsReconciliationRecurringBasisAssetGainLossIncludedInEarnings1": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "FairValueMeasurementWithUnobservableInputsReconciliationRecurringBasisAssetGainLossIncludedInEarnings1", "crdr": "credit", "presentation": [

"http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureDerivativesAndOtherFinancialInstrumentsScheduleOfReconciliationOfActivityForDerivativeContractsDetail"], "lang": { "en-us": { "role": { "terseLabel": "Fair value measurement, Assets", "label": "Fair Value, Measurement with Unobservable Inputs Reconciliation, Recurring Basis, Asset, Gain (Loss) Included in Earnings", "documentation": "Amount of gain (loss) recognized in income from asset measured at fair value on recurring basis using unobservable input (level 3)." } } }, "auth_ref": ["r685", "r694", "r1071", "r1072"] }, "us-gaap_FairValueMeasurementWithUnobservableInputsReconciliationRecurringBasisAssetGainLossIncludedInOtherComprehensiveIncomeLoss": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "FairValueMeasurementWithUnobservableInputsReconciliationRecurringBasisAssetGainLossIncludedInOtherComprehensiveIncomeLoss", "crdr": "credit", "presentation": [

"http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureDerivativesAndOtherFinancialInstrumentsScheduleOfReconciliationOfActivityForDerivativeContractsDetail"], "lang": { "en-us": { "role": { "verboseLabel": "Other comprehensive income (unrealized)", "terseLabel": "Other comprehensive (loss) income (unrealized)", "label": "Fair Value, Measurement with Unobservable Inputs Reconciliation, Recurring Basis, Asset, Gain (Loss) Included in Other Comprehensive Income (Loss)", "documentation": "Amount of gain (loss) recognized in other comprehensive income (OCI) from asset measured at fair value on recurring basis using unobservable input (level 3)." } } }, "auth_ref": ["r686", "r694", "r1071"] }, "aa_FairValueMeasurementWithUnobservableInputsReconciliationRecurringBasisAssetIncreaseDecreaseOther": { "xbrltype": "monetaryItemType", "nsuri": "http://www.alcoa.com/20240630", "localname": "FairValueMeasurementWithUnobservableInputsReconciliationRecurringBasisAssetIncreaseDecreaseOther", "crdr": "debit", "presentation": [

"http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureDerivativesAndOtherFinancialInstrumentsScheduleOfReconciliationOfActivityForDerivativeContractsDetail"], "lang": { "en-us": { "role": { "terseLabel": "Fair value measurement, Assets, Other", "negatedLabel": "Fair value measurement, Assets, Other", "label": "Fair Value Measurement With Unobservable Inputs Reconciliation Recurring Basis Asset Increase Decrease Other", "documentation": "Fair value measurement with unobservable inputs reconciliation recurring basis asset increase decrease other." } } }, "auth_ref": [] }, "aa_FairValueMeasurementWithUnobservableInputsReconciliationRecurringBasisAssetIncreaseDecreaseSettlementsAndOther": { "xbrltype": "monetaryItemType", "nsuri": "http://www.alcoa.com/20240630", "localname": "FairValueMeasurementWithUnobservableInputsReconciliationRecurringBasisAssetIncreaseDecreaseSettlementsAndOther", "crdr": "debit", "presentation": [

"http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureDerivativesAndOtherFinancialInstrumentsScheduleOfReconciliationOfActivityForDerivativeContractsDetail"], "lang": { "en-us": { "role": { "documentation": "Fair value measurement with unobservable inputs reconciliation recurring basis asset increase decrease settlements and other.", "label": "Fair Value Measurement With Unobservable Inputs Reconciliation Recurring Basis Asset Increase Decrease Settlements And Other", "negatedLabel": "Settlements and other" } } }, "auth_ref": [] }, "us-gaap_FairValueMeasurementWithUnobservableInputsReconciliationRecurringBasisAssetValue": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "FairValueMeasurementWithUnobservableInputsReconciliationRecurringBasisAssetValue", "crdr": "debit", "presentation": [

"http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureDerivativesAndOtherFinancialInstrumentsScheduleOfReconciliationOfActivityForDerivativeContractsDetail"], "lang": { "en-us": { "role": { "periodStartLabel": "Fair value measurement, Assets, Beginning balance", "periodEndLabel": "Fair value measurement, Assets, Ending balance", "label": "Fair Value, Measurement with Unobservable Inputs Reconciliation, Recurring Basis, Asset Value", "documentation": "Fair value of financial instrument classified as an asset measured using unobservable inputs that reflect the entity's own assumption about the assumptions market participants would use in pricing." } } }, "auth_ref": ["r684", "r694", "r1071"] }, "aa_FairValueMeasurementWithUnobservableInputsReconciliationRecurringBasisLiabilitiesIncreaseDecreaseOther": { "xbrltype": "monetaryItemType", "nsuri": "http://www.alcoa.com/20240630", "localname": "FairValueMeasurementWithUnobservableInputsReconciliationRecurringBasisLiabilitiesIncreaseDecreaseOther", "crdr": "credit", "presentation": [

"http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureDerivativesAndOtherFinancialInstrumentsScheduleOfReconciliationOfActivityForDerivativeContractsDetail"], "lang": { "en-us": { "role": { "negatedLabel": "Fair value measurement, Liabilities, Other", "label": "Fair Value Measurement With Unobservable Inputs Reconciliation Recurring Basis Liabilities Increase Decrease Other", "documentation": "Fair value measurement with unobservable inputs reconciliation recurring basis liabilities increase decrease other." } } }, "auth_ref": [] }, "us-gaap_FairValueMeasurementWithUnobservableInputsReconciliationRecurringBasisLiabilityGainLossIncludedInEarnings": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "FairValueMeasurementWithUnobservableInputsReconciliationRecurringBasisLiabilityGainLossIncludedInEarnings", "crdr": "credit", "presentation": [

"http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureDerivativesAndOtherFinancialInstrumentsScheduleOfReconciliationOfActivityForDerivativeContractsDetail"], "lang": { "en-us": { "role": { "terseLabel": "Fair value measurement, Liabilities", "label": "Fair Value, Measurement with Unobservable Inputs Reconciliation, Recurring Basis, Liability, Gain (Loss) Included in Earnings", "documentation": "Amount of gain (loss) recognized in income from liability measured at fair value on recurring basis using unobservable input (level 3)." } } }, "auth_ref": ["r685", "r694"] }, "us-gaap_FairValueMeasurementWithUnobservableInputsReconciliationRecurringBasisLiabilityGainLossIncludedInOtherComprehensiveIncome": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "FairValueMeasurementWithUnobservableInputsReconciliationRecurringBasisLiabilityGainLossIncludedInOtherComprehensiveIncome", "crdr": "credit", "presentation": [

"http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureDerivativesAndOtherFinancialInstrumentsScheduleOfReconciliationOfActivityForDerivativeContractsDetail"], "lang": { "en-us": { "role": { "terseLabel": "Other comprehensive income (unrealized)", "label": "Fair Value, Measurement with Unobservable Inputs Reconciliation, Recurring Basis, Liability, Gain (Loss) Included in Other Comprehensive Income (Loss)", "documentation": "Amount of gain (loss) recognized in other comprehensive income (OCI) from liability measured at fair value on recurring basis using unobservable input (level 3)." } } }, "auth_ref": ["r686", "r694"] }, "aa_FairValueMeasurementWithUnobservableInputsReconciliationRecurringBasisLiabilityIncreaseDecreaseSettlementsAndOther": { "xbrltype": "monetaryItemType", "nsuri": "http://www.alcoa.com/20240630", "localname": "FairValueMeasurementWithUnobservableInputsReconciliationRecurringBasisLiabilityIncreaseDecreaseSettlementsAndOther", "crdr": "credit", "presentation": [

"http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureDerivativesAndOtherFinancialInstrumentsScheduleOfReconciliationOfActivityForDerivativeContractsDetail"], "lang": { "en-us": { "role": { "terseLabel": "Settlements and other", "label": "Fair Value Measurement With Unobservable Inputs Reconciliation Recurring Basis Liability Increase Decrease Settlements And Other", "documentation": "Fair value measurement with unobservable inputs reconciliation recurring basis liability increase decrease settlements and other." } } }, "auth_ref": [] }, "us-gaap_FairValueMeasurementWithUnobservableInputsReconciliationsRecurringBasisLiabilityValue": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "FairValueMeasurementWithUnobservableInputsReconciliationsRecurringBasisLiabilityValue", "crdr": "credit", "presentation": [

"http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureDerivativesAndOtherFinancialInstrumentsScheduleOfReconciliationOfActivityForDerivativeContractsDetail"], "lang": { "en-us": { "role": { "periodStartLabel": "Fair value measurement, Liabilities, Beginning balance", "periodEndLabel": "Fair value measurement, Liabilities, Ending

balance", "label": "Fair Value, Measurement with Unobservable Inputs Reconciliation, Recurring Basis, Liability Value", "documentation": "Fair value of financial instrument classified as a liability measured using unobservable inputs that reflect the entity's own assumption about the assumptions market participants would use in pricing." } } }, "auth_ref": ["r684", "r694"]], "us-gaap_FairValueMeasurementsFairValueHierarchyDomain": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "FairValueMeasurementsFairValueHierarchyDomain", "presentation": [
"http://www.alcoa.com/20240630/taxonomy/role_DisclosureDerivativesAndOtherFinancialInstrumentsAdditionalInformationDetail",
"http://www.alcoa.com/20240630/taxonomy/role_DisclosureDerivativesAndOtherFinancialInstrumentsScheduleOfFairValuesOfLevel3DerivativeInstrumentsRecordedAsAsse",
"http://www.alcoa.com/20240630/taxonomy/role_DisclosureDerivativesAndOtherFinancialInstrumentsScheduleOfOutstandingQuantitiesOfDerivativeInstrumentsDetail",
"http://www.alcoa.com/20240630/taxonomy/role_DisclosureDerivativesAndOtherFinancialInstrumentsScheduleOfQuantitativeInformationForLevel3DerivativeContractsDeta
], "lang": { "en-us": { "role": { "terseLabel": "Fair Value Hierarchy and NAV", "label": "Fair Value Hierarchy and NAV [Domain]", "documentation": "Categories used to prioritize the inputs to valuation techniques to measure fair value." } } }, "auth_ref": ["r465", "r515", "r516", "r517", "r518", "r519", "r520", "r678", "r680", "r681", "r682", "r683", "r692", "r693", "r695", "r742", "r743", "r744", "r1041", "r1042", "r1053", "r1054", "r1055", "r1069", "r1073"] }, "us-gaap_FairValueNetDerivativeAssetLiabilityMeasuredOnRecurringBasisUnobservableInputReconciliationLineItems": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "FairValueNetDerivativeAssetLiabilityMeasuredOnRecurringBasisUnobservableInputReconciliationLineItems", "presentation": [
"http://www.alcoa.com/20240630/taxonomy/role_DisclosureDerivativesAndOtherFinancialInstrumentsScheduleOfQuantitativeInformationForLevel3DerivativeContractsDeta
], "lang": { "en-us": { "role": { "terseLabel": "Fair Value Net Derivative Asset Liability Measured On Recurring Basis Unobservable Input Reconciliation [Line Items]", "label": "Fair Value, Net Derivative Asset (Liability) Measured on Recurring Basis, Unobservable Input Reconciliation [Line Items]", "documentation": "Line items represent financial concepts included in a table. These concepts are used to disclose reportable information associated with domain members defined in one or many axes to the table." } } }, "auth_ref": ["r684", "r685", "r687", "r688", "r689", "r694"] }, "us-gaap_FairValueNetDerivativeAssetLiabilityMeasuredOnRecurringBasisUnobservableInputReconciliationTable": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "FairValueNetDerivativeAssetLiabilityMeasuredOnRecurringBasisUnobservableInputReconciliationTable", "presentation": [
"http://www.alcoa.com/20240630/taxonomy/role_DisclosureDerivativesAndOtherFinancialInstrumentsScheduleOfQuantitativeInformationForLevel3DerivativeContractsDeta
], "lang": { "en-us": { "role": { "terseLabel": "Fair Value Net Derivative Asset Liability Measured On Recurring Basis Unobservable Input Reconciliation [Table]", "label": "Fair Value, Net Derivative Asset (Liability) Measured on Recurring Basis, Unobservable Input Reconciliation [Table]", "documentation": "Disclosure of information about financial instrument classified as a derivative asset (liability) after deduction of derivative liability (asset) using recurring unobservable inputs that reflect the entity's own assumption about the assumptions market participants would use in pricing." } } }, "auth_ref": ["r684", "r685", "r686", "r687", "r688", "r689", "r694"] }, "us-gaap_FairValueRecurringBasisUnobservableInputReconciliationAssetGainLossStatementOfIncomeExtensibleList": { "xbrltype": "enumerationSetItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "FairValueRecurringBasisUnobservableInputReconciliationAssetGainLossStatementOfIncomeExtensibleList", "presentation": [
"http://www.alcoa.com/20240630/taxonomy/role_DisclosureDerivativesAndOtherFinancialInstrumentsScheduleOfReconciliationOfActivityForDerivativeContractsDetail"], "lang": { "en-us": { "role": { "label": "Fair Value, Asset, Recurring Basis, Unobservable Input Reconciliation, Gain (Loss), Statement of Income or Comprehensive Income [Extensible Enumeration]", "documentation": "Indicates line item in statement of income or comprehensive income that includes gain (loss) from asset measured at fair value using unobservable input (level 3)." } } }, "auth_ref": ["r685", "r694"] }, "us-gaap_FairValueRecurringBasisUnobservableInputReconciliationLiabilityGainLossStatementOfIncomeExtensibleList": { "xbrltype": "enumerationSetItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "FairValueRecurringBasisUnobservableInputReconciliationLiabilityGainLossStatementOfIncomeExtensibleList", "presentation": [
"http://www.alcoa.com/20240630/taxonomy/role_DisclosureDerivativesAndOtherFinancialInstrumentsScheduleOfReconciliationOfActivityForDerivativeContractsDetail"], "lang": { "en-us": { "role": { "label": "Fair Value, Liability, Recurring Basis, Unobservable Input Reconciliation, Gain (Loss), Statement of Income or Comprehensive Income [Extensible Enumeration]", "documentation": "Indicates line item in statement of income or comprehensive income that includes gain (loss) from liability measured at fair value using unobservable input (level 3)." } } }, "auth_ref": ["r685", "r694"] }, "us-gaap_FairValueRecurringBasisUnobservableInputReconciliationLiabilityGainLossStatementOfOtherComprehensiveIncomeExtensibleList": { "xbrltype": "enumerationSetItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "FairValueRecurringBasisUnobservableInputReconciliationLiabilityGainLossStatementOfOtherComprehensiveIncomeExtensibleList", "presentation": [
"http://www.alcoa.com/20240630/taxonomy/role_DisclosureDerivativesAndOtherFinancialInstrumentsScheduleOfReconciliationOfActivityForDerivativeContractsDetail"], "lang": { "en-us": { "role": { "label": "Fair Value, Liability, Recurring Basis, Unobservable Input Reconciliation, Liability, Gain (Loss), Statement of Other Comprehensive Income or Comprehensive Income [Extensible Enumeration]", "documentation": "Indicates line item in statement in which other comprehensive income (OCI) is reported that includes gain (loss) from liability measured at fair value using unobservable input (level 3)." } } }, "auth_ref": ["r686", "r694"] }, "aa_FerndaleWashingtonMember": { "xbrltype": "domainItemType", "nsuri": "http://www.alcoa.com/20240630", "localname": "FerndaleWashingtonMember", "presentation": [
"http://www.alcoa.com/20240630/taxonomy/role_DisclosureContingenciesAdditionalInformationDetail"], "lang": { "en-us": { "role": { "terseLabel": "Ferndale, Washington [Member]", "label": "Ferndale Washington [Member]", "documentation": "Ferndale, Washington." } } }, "auth_ref": [] }, "aa_FinanceRelatedDerivativeMember": { "xbrltype": "domainItemType", "nsuri": "http://www.alcoa.com/20240630", "localname": "FinanceRelatedDerivativeMember", "presentation": [
"http://www.alcoa.com/20240630/taxonomy/role_DisclosureAccumulatedOtherComprehensiveLossSummaryOfChangesInAccumulatedOtherComprehensiveLossIncomeByCo",
"http://www.alcoa.com/20240630/taxonomy/role_DisclosureDerivativesAndOtherFinancialInstrumentsAdditionalInformationDetail",
"http://www.alcoa.com/20240630/taxonomy/role_DisclosureDerivativesAndOtherFinancialInstrumentsScheduleOfFairValuesOfLevel3DerivativeInstrumentsRecordedAsAsse",
"http://www.alcoa.com/20240630/taxonomy/role_DisclosureDerivativesAndOtherFinancialInstrumentsScheduleOfQuantitativeInformationForLevel3DerivativeContractsDeta",
"http://www.alcoa.com/20240630/taxonomy/role_DisclosureDerivativesAndOtherFinancialInstrumentsScheduleOfReconciliationOfActivityForDerivativeContractsDetail"], "lang": { "en-us": { "role": { "terseLabel": "Financial Contracts [Member]", "label": "Finance Related Derivative [Member]", "documentation": "Finance related derivative." } } }, "auth_ref": [] }, "us-gaap_FinancialInstrumentAxis": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "FinancialInstrumentAxis", "presentation": [
"http://www.alcoa.com/20240630/taxonomy/role_DisclosureDerivativesAndOtherFinancialInstrumentsScheduleOfFairValuesOfLevel3DerivativeInstrumentsRecordedAsAsse",
"http://www.alcoa.com/20240630/taxonomy/role_DisclosureDerivativesAndOtherFinancialInstrumentsScheduleOfQuantitativeInformationForLevel3DerivativeContractsDeta
], "lang": { "en-us": { "role": { "terseLabel": "Financial Instrument", "label": "Financial Instrument [Axis]", "documentation": "Information by type of financial instrument." } } }, "auth_ref": ["r323", "r324", "r325", "r326", "r327", "r328", "r329", "r330", "r331", "r332", "r333", "r334", "r335", "r336", "r337", "r338", "r339", "r340", "r341", "r342", "r343", "r344", "r345", "r346", "r347", "r348", "r349", "r350", "r351", "r352", "r371", "r372", "r373", "r374", "r375", "r376", "r377", "r378", "r476", "r482", "r669", "r700", "r739", "r740", "r741", "r742", "r743", "r744", "r745", "r746", "r747", "r748", "r749", "r750", "r751", "r752", "r753", "r755", "r756", "r757", "r758", "r759", "r760", "r761", "r762", "r763", "r764", "r765", "r766", "r767", "r768", "r769", "r839", "r1031", "r1069", "r1071", "r1073", "r1074", "r1075", "r1076", "r1077", "r1078", "r1079", "r1082", "r1213", "r1214", "r1215", "r1216", "r1217", "r1218", "r1219", "r1261", "r1262", "r1263", "r1264", "r1380", "r1383", "r1384", "r1385", "r1392", "r1395"] }, "us-gaap_FinancingReceivablesTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "FinancingReceivablesTextBlock", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role_DisclosureReceivables"], "lang": { "en-us": { "role": { "terseLabel": "Receivables", "label": "Financing Receivables [Text Block]", "documentation": "The entire disclosure for financing receivable." } } }, "auth_ref": ["r317", "r320", "r321", "r322", "r1030"] }, "us-gaap_ForeignCountryMember": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ForeignCountryMember", "presentation": [
"http://www.alcoa.com/20240630/taxonomy/role_DisclosureContingenciesAdditionalInformation1Detail"], "lang": { "en-us": { "role": { "terseLabel": "Foreign Jurisdiction [Member]", "label": "Foreign Tax Jurisdiction [Member]", "documentation": "Designated foreign jurisdiction entitled to levy and collect income tax outside country of domicile." } } }, "auth_ref": ["r608", "r609"] }, "us-gaap_ForeignCurrencyTransactionGainLossBeforeTax": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ForeignCurrencyTransactionGainLossBeforeTax", "crdr": "credit", "presentation": [
"http://www.alcoa.com/20240630/taxonomy/role_DisclosureOtherFinancialInformationScheduleOfOtherIncomeExpensesNetDetail"], "lang": { "en-us": { "role": { "totalLabel": "Foreign Currency Transaction Gain (Loss), before Tax, Total", "label": "Gain (Loss), Foreign Currency Transaction, before Tax", "negatedLabel": "Foreign currency losses (gains), net", "documentation": "Amount, before tax, of realized and unrealized gain (loss) from foreign currency transaction." } } }, "auth_ref": ["r707", "r708", "r709", "r710", "r955"] }, "us-gaap_ForeignCurrencyTranslationAbstract": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ForeignCurrencyTranslationAbstract", "presentation": [
"http://www.alcoa.com/20240630/taxonomy/role_DisclosureAccumulatedOtherComprehensiveLossSummaryOfChangesInAccumulatedOtherComprehensiveIncomeByCo
], "lang": { "en-us": { "role": { "terseLabel": "Foreign currency translation", "label": "Foreign Currency Translation [Abstract]" } } }, "auth_ref": [] }, "aa_ForeignExchangeBuyForwardsMember": { "xbrltype": "domainItemType", "nsuri": "http://www.alcoa.com/20240630", "localname": "ForeignExchangeBuyForwardsMember", "presentation": [
"http://www.alcoa.com/20240630/taxonomy/role_DisclosureDerivativesAndOtherFinancialInstrumentsScheduleOfOutstandingQuantitiesOfDerivativeInstrumentsDetail"], "lang": { "en-us": { "role": { "terseLabel": "Foreign Exchange Buy Forwards [Member]", "label": "Foreign Exchange Buy Forwards [Member]", "documentation": "Foreign Exchange Buy Forwards [Member]" } } }, "auth_ref": [] }, "us-gaap_ForeignExchangeContractMember": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ForeignExchangeContractMember", "presentation": [
"http://www.alcoa.com/20240630/taxonomy/role_DisclosureAccumulatedOtherComprehensiveLossSummaryOfChangesInAccumulatedOtherComprehensiveLossIncomeByCo
], "lang": { "en-us": { "role": { "terseLabel": "Foreign Exchange Contract [Member]", "label": "Foreign Exchange Contract [Member]", "documentation": "Derivative instrument whose primary underlying risk is tied to foreign exchange rates." } } }, "auth_ref": ["r1016", "r1053", "r1067", "r1069"] }, "us-gaap_ForeignExchangeForwardMember": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ForeignExchangeForwardMember", "presentation": [
"http://www.alcoa.com/20240630/taxonomy/role_DisclosureDerivativesAndOtherFinancialInstrumentsAdditionalInformationDetail",
"http://www.alcoa.com/20240630/taxonomy/role_DisclosureDerivativesAndOtherFinancialInstrumentsScheduleOfOutstandingQuantitiesOfDerivativeInstrumentsDetail"], "lang": { "en-us": { "role": { "terseLabel": "Foreign Exchange Forward", "label": "Foreign Exchange Forward [Member]", "documentation": "Foreign exchange forward traded on an exchange (examples include but are not limited to the International Securities Exchange, Philadelphia Stock Exchange, or the Chicago Mercantile Exchange) for options or future contracts to buy or sell a certain currency, at a specified date, at a fixed exercise exchange rate." } } }, "auth_ref": ["r924", "r928", "r933", "r947", "r953", "r976", "r977", "r979", "r1104"] }, "aa_ForeignExchangeSellForwardsMember": { "xbrltype": "domainItemType", "nsuri": "http://www.alcoa.com/20240630", "localname": "ForeignExchangeSellForwardsMember", "presentation": [
"http://www.alcoa.com/20240630/taxonomy/role_DisclosureDerivativesAndOtherFinancialInstrumentsScheduleOfOutstandingQuantitiesOfDerivativeInstrumentsDetail"], "lang": { "en-us": { "role": { "terseLabel": "Foreign Exchange Sell Forwards [Member]", "label": "Foreign Exchange Sell Forwards [Member]", "documentation": "Foreign Exchange Sell Forwards [Member]" } } }, "auth_ref": [] }, "us-gaap_ForeignPlanMember": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ForeignPlanMember", "presentation": [
"http://www.alcoa.com/20240630/taxonomy/role_DisclosurePensionAndOtherPostretirementBenefitsAdditionalInformationDetail"], "lang": { "en-us": { "role": { "terseLabel": "Non-U.S. [Member]", "label": "Foreign Plan [Member]", "documentation": "Location of employer sponsoring plan, designed to provide retirement benefits, not determined as principal place of business. Includes, but is not limited to, defined benefit and defined contribution plans." } } }, "auth_ref": ["r1367", "r1368", "r1369"] }, "ecd_ForgoneRecoveryDueToDisqualificationOfTaxBenefitsAmt": { "xbrltype": "monetaryItemType", "nsuri": "http://xbrl.sec.gov/ecd/2024", "localname": "ForgoneRecoveryDueToDisqualificationOfTaxBenefitsAmt", "presentation": ["http://xbrl.sec.gov/ecd/role/ErrCompDisclosure"], "lang": { "en-us": { "role": { "label": "Forgone Recovery due to Disqualification of Tax Benefits, Amount", "terseLabel": "Forgone Recovery due to Disqualification of Tax Benefits, Amount" } } }, "auth_ref": ["r1125", "r1135", "r1145", "r1177"] }, "ecd_ForgoneRecoveryDueToExpenseOfEnforcementAmt": { "xbrltype": "monetaryItemType", "nsuri": "http://xbrl.sec.gov/ecd/2024", "localname": "ForgoneRecoveryDueToExpenseOfEnforcementAmt", "presentation": ["http://xbrl.sec.gov/ecd/role/ErrCompDisclosure"], "lang": { "en-us": { "role": { "label": "Forgone Recovery due to Expense of Enforcement, Amount", "terseLabel": "Forgone Recovery due to Expense of Enforcement, Amount" } } }, "auth_ref": ["r1125", "r1135", "r1145", "r1177"] }, "ecd_ForgoneRecoveryDueToViolationOfHomeCountryLawAmt": { "xbrltype": "monetaryItemType", "nsuri": "http://xbrl.sec.gov/ecd/2024", "localname": "ForgoneRecoveryDueToViolationOfHomeCountryLawAmt", "presentation": ["http://xbrl.sec.gov/ecd/role/ErrCompDisclosure"], "lang": { "en-us": { "role": { "label": "Forgone Recovery due to Violation of Home Country Law, Amount", "terseLabel": "Forgone Recovery due to Violation of Home Country Law, Amount" } } }, "auth_ref": ["r1125", "r1135", "r1145", "r1177"] }, "ecd_ForgoneRecoveryExplanationOfImpracticabilityTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://xbrl.sec.gov/ecd/2024", "localname": "ForgoneRecoveryExplanationOfImpracticabilityTextBlock", "presentation": ["http://xbrl.sec.gov/ecd/role/ErrCompDisclosure"], "lang": { "en-us": { "role": {

"label": "Forgone Recovery, Explanation of Impracticability [Text Block]", "terseLabel": "Forgone Recovery, Explanation of Impracticability" } } }, "auth_ref": ["r1125", "r1135", "r1145", "r1177"] }, "ecd_ForgoneRecoveryIndName": { "xbrltype": "stringItemType", "nsuri": "http://xbrl.sec.gov/ecd/2024", "localname": "ForgoneRecoveryIndName", "presentation": ["http://xbrl.sec.gov/ecd/role/ErrCompDisclosure"], "lang": { "en-us": { "role": { "label": "Forgone Recovery, Individual Name", "terseLabel": "Name" } } }, "auth_ref": ["r1125", "r1135", "r1145", "r1177"] }, "aa_FormerEastStLouisSiteMember": { "xbrltype": "domainItemType", "nsuri": "http://www.alcoa.com/20240630", "localname": "FormerEastStLouisSiteMember", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/DisclosureContingenciesAdditionalInformationDetail"], "lang": { "en-us": { "role": { "documentation": "Former East St. Louis site.", "label": "Former East St Louis Site [Member]", "terseLabel": "Former East St. Louis Site [Member]" } } }, "auth_ref": [] }, "aa_FourPointOneTwoFivePercentageSeniorNotesDueTwoThousandAndTwentyNineMember": { "xbrltype": "domainItemType", "nsuri": "http://www.alcoa.com/20240630", "localname": "FourPointOneTwoFivePercentageSeniorNotesDueTwoThousandAndTwentyNineMember", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/DisclosureDebtAdditionalInformationDetail"], "lang": { "en-us": { "role": { "documentation": "Four point one two five percentage senior notes due two thousand and twenty nine.", "label": "Four Point One Two Five Percentage Senior Notes Due Two Thousand And Twenty Nine [Member]", "terseLabel": "4.125% Notes, due 2029 [Member]" } } }, "auth_ref": [] }, "ecd_FrValAsOfPrrYrEndOfEqtyAwrdsGrntdInPrrYrsFldVstngCondsDrngCvrdYrMember": { "xbrltype": "domainItemType", "nsuri": "http://xbrl.sec.gov/ecd/2024", "localname": "FrValAsOfPrrYrEndOfEqtyAwrdsGrntdInPrrYrsFldVstngCondsDrngCvrdYrMember", "presentation": ["http://xbrl.sec.gov/ecd/role/PvpDisclosure"], "lang": { "en-us": { "role": { "label": "Prior Year End Fair Value of Equity Awards Granted in Any Prior Year that Fail to Meet Applicable Vesting Conditions During Covered Year [Member]", "terseLabel": "Prior Year End Fair Value of Equity Awards Granted in Any Prior Year that Fail to Meet Applicable Vesting Conditions During Covered Year" } } }, "auth_ref": ["r1158"] }, "us-gaap_GainLossOnDispositionOfAssets": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "GainLossOnDispositionOfAssets", "crdr": "credit", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/DisclosureOtherFinancialInformationScheduleOfOtherIncomeExpensesNetDetail"], "lang": { "en-us": { "role": { "negatedLabel": "Net loss from asset sales", "label": "Gain (Loss) on Disposition of Property Plant Equipment, Excluding Oil and Gas Property and Timber Property", "documentation": "Amount of gain (loss) on sale or disposal of property, plant and equipment assets, excluding oil and gas property and timber property." } } }, "auth_ref": ["r1235", "r1277", "r1278"] }, "us-gaap_GainLossOnDispositionOfAssets1": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "GainLossOnDispositionOfAssets1", "crdr": "credit", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/StatementStatementOfConsolidatedCashFlowsUnaudited"], "lang": { "en-us": { "role": { "negatedLabel": "Net loss from investing activities - asset sales (P)", "totalLabel": "Gain (Loss) on Disposition of Assets, Total", "terseLabel": "Net gain from asset sales", "label": "Gain (Loss) on Disposition of Assets", "documentation": "Amount of gain (loss) on sale or disposal of assets, including but not limited to property plant and equipment, intangible assets and equity in securities of subsidiaries or equity method investee." } } }, "auth_ref": ["r1235"] }, "aa_GainOnMarkToMarketDerivativeFinancialContracts": { "xbrltype": "monetaryItemType", "nsuri": "http://www.alcoa.com/20240630", "localname": "GainOnMarkToMarketDerivativeFinancialContracts", "crdr": "credit", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/StatementStatementOfConsolidatedCashFlowsUnaudited"], "lang": { "en-us": { "role": { "negatedLabel": "(Gain) loss on mark-to-market derivative financial contracts", "label": "Gain On Mark To Market Derivative Financial Contracts", "documentation": "Gain on mark-to-market derivative financial contracts." } } }, "auth_ref": [] }, "us-gaap_GainsLossesOnExtinguishmentOfDebt": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "GainsLossesOnExtinguishmentOfDebt", "crdr": "credit", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/StatementStatementOfConsolidatedCashFlowsUnaudited"], "lang": { "en-us": { "role": { "negatedLabel": "Premium paid on early redemption of debt", "label": "Gain (Loss) on Extinguishment of Debt", "totalLabel": "Gain (Loss) on Extinguishment of Debt, Total", "documentation": "Difference between the fair value of payments made and the carrying amount of debt which is extinguished prior to maturity." } } }, "auth_ref": ["r15", "r51", "r52"] }, "aa_GasSupplyPrepayment": { "xbrltype": "monetaryItemType", "nsuri": "http://www.alcoa.com/20240630", "localname": "GasSupplyPrepayment", "crdr": "debit", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/DisclosureOtherFinancialInformationScheduleOfOtherNoncurrentAssetsDetail"], "lang": { "en-us": { "role": { "verboseLabel": "Gas supply prepayment", "label": "Gas Supply Prepayment", "documentation": "Gas supply prepayment." } } }, "auth_ref": [] }, "us-gaap_Goodwill": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "Goodwill", "crdr": "debit", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/DisclosureGoodwillSummaryOfGoodwillWhichIsIncludedInOtherNoncurrentAssetsDetail", "http://www.alcoa.com/20240630/taxonomy/role/DisclosureGoodwillSummaryOfGoodwillWhichIsIncludedInOtherNoncurrentAssetsParentheticalDetail", "http://www.alcoa.com/20240630/taxonomy/role/DisclosureOtherFinancialInformationScheduleOfOtherNoncurrentAssetsDetail"], "lang": { "en-us": { "role": { "terseLabel": "Goodwill", "label": "Goodwill", "periodEndLabel": "Goodwill, Ending Balance", "periodStartLabel": "Goodwill, Beginning Balance", "totalLabel": "Goodwill, Total", "documentation": "Amount, after accumulated impairment loss, of asset representing future economic benefit arising from other asset acquired in business combination or from joint venture formation or both, that is not individually identified and separately recognized." } } }, "auth_ref": ["r194", "r382", "r813", "r1026", "r1032", "r1070", "r1081", "r1267", "r1274"] }, "us-gaap_GoodwillAndIntangibleAssetImpairment": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "GoodwillAndIntangibleAssetImpairment", "crdr": "debit", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/DisclosureGoodwillAdditionalInformationDetails"], "lang": { "en-us": { "role": { "terseLabel": "Goodwill impairment", "label": "Goodwill and Intangible Asset Impairment", "totalLabel": "Goodwill and Intangible Asset Impairment, Total", "documentation": "Total loss recognized during the period from the impairment of goodwill plus the loss recognized in the period resulting from the impairment of the carrying amount of intangible assets, other than goodwill." } } }, "auth_ref": [] }, "us-gaap_GoodwillAndIntangibleAssetsDisclosureAbstract": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "GoodwillAndIntangibleAssetsDisclosureAbstract", "lang": { "en-us": { "role": { "label": "Goodwill and Intangible Assets Disclosure [Abstract]" } } }, "auth_ref": [] }, "us-gaap_GoodwillDisclosureTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "GoodwillDisclosureTextBlock", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/DisclosureGoodwill"], "lang": { "en-us": { "role": { "terseLabel": "Goodwill", "label": "Goodwill Disclosure [Text Block]", "documentation": "The entire disclosure for goodwill." } } }, "auth_ref": ["r381", "r384", "r394", "r1032"] }, "us-gaap_GoodwillImpairedAccumulatedImpairmentLoss": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "GoodwillImpairedAccumulatedImpairmentLoss", "crdr": "credit", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/DisclosureGoodwillSummaryOfGoodwillWhichIsIncludedInOtherNoncurrentAssetsParentheticalDetail"], "lang": { "en-us": { "role": { "terseLabel": "Accumulated impairment losses", "label": "Goodwill, Impaired, Accumulated Impairment Loss", "documentation": "Amount of accumulated impairment loss for asset representing future economic benefit arising from other asset acquired in business combination or from joint venture formation or both, that is not individually identified and separately recognized." } } }, "auth_ref": ["r385", "r392", "r1032"] }, "us-gaap_GoodwillImpairmentLoss": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "GoodwillImpairmentLoss", "crdr": "debit", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/DisclosureGoodwillAdditionalInformationDetails"], "lang": { "en-us": { "role": { "terseLabel": "Goodwill impairment", "label": "Goodwill, Impairment Loss", "documentation": "Amount of impairment loss from asset representing future economic benefit arising from other asset acquired in business combination or from joint venture formation or both, that is not individually identified and separately recognized." } } }, "auth_ref": ["r15", "r383", "r389", "r395", "r1032", "r1070"] }, "us-gaap_GoodwillLineItems": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "GoodwillLineItems", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/DisclosureGoodwillAdditionalInformationDetails", "http://www.alcoa.com/20240630/taxonomy/role/DisclosureGoodwillSummaryOfGoodwillWhichIsIncludedInOtherNoncurrentAssetsDetail", "http://www.alcoa.com/20240630/taxonomy/role/DisclosureGoodwillSummaryOfGoodwillWhichIsIncludedInOtherNoncurrentAssetsParentheticalDetail"], "lang": { "en-us": { "role": { "label": "Goodwill [Line Items]", "documentation": "Line items represent financial concepts included in a table. These concepts are used to disclose reportable information associated with domain members defined in one or many axes to the table." } } }, "auth_ref": ["r384", "r385", "r386", "r387", "r388", "r389", "r390", "r391", "r392", "r393", "r395", "r1032"] }, "us-gaap_HedgingDesignationAxis": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "HedgingDesignationAxis", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureDerivativesAndOtherFinancialInstrumentsAdditionalInformationDetail", "http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureDerivativesAndOtherFinancialInstrumentsScheduleOfFairValuesOfLevel3DerivativeInstrumentsRecordedAsAsse], "lang": { "en-us": { "role": { "terseLabel": "Hedging Designation", "label": "Hedging Designation [Axis]", "documentation": "Information by designation of purpose of derivative instrument." } } }, "auth_ref": ["r21", "r656"] }, "us-gaap_HedgingDesignationDomain": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "HedgingDesignationDomain", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureDerivativesAndOtherFinancialInstrumentsAdditionalInformationDetail", "http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureDerivativesAndOtherFinancialInstrumentsScheduleOfFairValuesOfLevel3DerivativeInstrumentsRecordedAsAsse], "lang": { "en-us": { "role": { "terseLabel": "Hedging Designation", "label": "Hedging Designation [Domain]", "documentation": "Designation of purpose of derivative instrument." } } }, "auth_ref": ["r21"] }, "us-gaap_HedgingRelationshipDomain": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "HedgingRelationshipDomain", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureDerivativesAndOtherFinancialInstrumentsAdditionalInformationDetail"], "lang": { "en-us": { "role": { "terseLabel": "Hedging Relationship", "label": "Hedging Relationship [Domain]", "documentation": "Nature or intent of a hedge." } } }, "auth_ref": ["r21"] }, "us-gaap_IncomeLossFromContinuingOperationsBeforeIncomeTaxesExtraordinaryItemsNoncontrollingInterest": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "IncomeLossFromContinuingOperationsBeforeIncomeTaxesExtraordinaryItemsNoncontrollingInterest", "crdr": "credit", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/DisclosureSegmentInformationScheduleOfSegmentAdjustedEbitdaToConsolidatedNetIncomeLossAttributableToAlcoaCorporatio "http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureIncomeTaxesScheduleOfIncomeTaxesDetail", "http://www.alcoa.com/20240630/taxonomy/role/StatementStatementOfConsolidatedOperationsUnaudited1"], "lang": { "en-us": { "role": { "totalLabel": "Consolidated income (loss) before income taxes", "verboseLabel": "Loss before income taxes", "label": "Income (Loss) from Continuing Operations before Income Taxes, Noncontrolling Interest", "documentation": "Amount of income (loss) from continuing operations, including income (loss) from equity method investments, before deduction of income tax expense (benefit), and income (loss) attributable to noncontrolling interest." } } }, "auth_ref": ["r122", "r164", "r170", "r819", "r834", "r1020", "r1025", "r1252", "r1254", "r1256", "r1257", "r1258"] }, "aa_IncomeLossFromEquityMethodInvestmentBeforeReconcilingAdjustments": { "xbrltype": "monetaryItemType", "nsuri": "http://www.alcoa.com/20240630", "localname": "IncomeLossFromEquityMethodInvestmentBeforeReconcilingAdjustments", "crdr": "credit", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureInvestmentsSummaryOfUnauditedFinancialInformationForAlcoaCorporationSEquityInvestmentsDetail"], "lang": { "en-us": { "role": { "terseLabel": "Equity in net income (loss) of affiliated companies, before reconciling adjustments", "label": "Income Loss From Equity Method Investment Before Reconciling Adjustments", "documentation": "This item represents the entity's proportionate share for the period of the net income (loss) of its investee (such as unconsolidated subsidiaries and joint ventures) to which the equity method of accounting is applied before reconciling adjustments." } } }, "auth_ref": [] }, "us-gaap_IncomeLossFromEquityMethodInvestments": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "IncomeLossFromEquityMethodInvestments", "crdr": "credit", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureInvestmentsSummaryOfUnauditedFinancialInformationForAlcoaCorporationSEquityInvestmentsDetail"], "lang": { "en-us": { "role": { "terseLabel": "Alcoa Corporations equity in net income (loss) of affiliated companies", "label": "Income (Loss) from Equity Method Investments", "documentation": "Amount of income (loss) for proportionate share of equity method investee's income (loss)." } } }, "auth_ref": ["r15", "r123", "r163", "r276", "r291", "r307", "r353", "r833"] }, "us-gaap_IncomeLossFromEquityMethodInvestmentsNetOfDividendsOrDistributions": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "IncomeLossFromEquityMethodInvestmentsNetOfDividendsOrDistributions", "crdr": "credit", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/StatementStatementOfConsolidatedCashFlowsUnaudited"], "lang": { "en-us": { "role": { "negatedLabel": "Equity (income) loss, net of dividends", "totalLabel": "Income (Loss) from Equity Method Investments, Net of Dividends or Distributions, Total", "label": "Income (Loss) from Equity Method Investments, Net of Dividends or Distributions", "documentation": "This element represents the undistributed income (or loss) of equity method investments, net of dividends or other distributions received from unconsolidated subsidiaries, certain corporate joint ventures, and certain noncontrolled corporations; such investments are accounted for under the equity method of accounting. This element excludes distributions that constitute a return of investment, which are classified as investing activities." } } }, "auth_ref": ["r15"] }, "aa_IncomeLossFromEquityMethodInvestmentsNonoperating": { "xbrltype": "monetaryItemType", "nsuri": "http://www.alcoa.com/20240630", "localname": "IncomeLossFromEquityMethodInvestmentsNonoperating", "crdr": "credit", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/DisclosureOtherFinancialInformationScheduleOfOtherIncomeExpensesNetDetail"], "lang": { "en-us": { "role": { "negatedLabel": "Equity (gain) loss", "label": "Income Loss From Equity Method Investments Nonoperating", "documentation": "This item represents the entity's proportionate share for the period of the net income (loss) of its investee (such as unconsolidated subsidiaries and joint ventures) to which the equity method of accounting is applied and is

reflected as nonoperating income on the Statement of Consolidated Operations." } } }, "auth_ref": [] },
"aa_IncomeLossFromEquityMethodInvestmentsReconcilingAdjustments": { "xbrltype": "monetaryItemType", "nsuri": "http://www.alcoa.com/20240630", "localname":
"IncomeLossFromEquityMethodInvestmentsReconcilingAdjustments", "crdr": "debit", "presentation": [
"http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureSummaryOfUnauditedFinancialInformationForAlcoaCorporationSEquityInvestmentsDetail"],
"lang": { "en-us": { "role": { "negatedLabel": "Other", "label": "Income Loss From Equity Method Investments Reconciling Adjustments", "documentation": "This item
represents adjustments made to determine the entity's proportionate share for the period of the net income (loss) of its investee (such as unconsolidated subsidiaries and
joint ventures) to which the equity method of accounting is applied." } } }, "auth_ref": [] }, "us-gaap_IncomeStatementAbstract": { "xbrltype": "stringItemType", "nsuri":
"http://fasb.org/us-gaap/2024", "localname": "IncomeStatementAbstract", "lang": { "en-us": { "role": { "label": "Income Statement [Abstract]" } } }, "auth_ref": [] }, "us-
gaap_IncomeStatementBalanceSheetAndAdditionalDisclosuresByDisposalGroupsIncludingDiscontinuedOperationsAxis": { "xbrltype": "stringItemType", "nsuri":
"http://fasb.org/us-gaap/2024", "localname": "IncomeStatementBalanceSheetAndAdditionalDisclosuresByDisposalGroupsIncludingDiscontinuedOperationsAxis",
"presentation": ["http://www.alcoa.com/20240630/taxonomy/role/DisclosureAcquisitionsAndDivestituresAdditionalInformationDetail",
"http://www.alcoa.com/20240630/taxonomy/role/DisclosureAssetRetirementObligationsAdditionalInformationDetail",
"http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureInvestmentsAdditionalInformationDetail",
"http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureRestructuringAndOtherChargesNetAdditionalInformationDetail"], "lang": { "en-us": { "role": { "terseLabel":
"Disposal Group Name", "label": "Disposal Group Name [Axis]", "documentation": "Information by name of disposal group." } } }, "auth_ref": ["r1057", "r1060"] }, "us-
gaap_IncomeStatementLocationAxis": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "IncomeStatementLocationAxis", "presentation": [
"http://www.alcoa.com/20240630/taxonomy/role/DisclosureAccumulatedOtherComprehensiveLossSummaryOfChangesInAccumulatedOtherComprehensiveLossIncomeByCompon
"http://www.alcoa.com/20240630/taxonomy/role/DisclosureAssetRetirementObligationsAdditionalInformationDetail",
"http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureDerivativesAndOtherFinancialInstrumentsAdditionalInformationDetail",
"http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureDerivativesAndOtherFinancialInstrumentsScheduleOfReconciliationOfActivityForDerivativeContractsDetail",
"http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureIncomeTaxesAdditionalInformationDetail",
"http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureInvestmentsAdditionalInformationDetail",
"http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureRestructuringAndOtherChargesNetAdditionalInformationDetail"], "lang": { "en-us": { "role": { "terseLabel":
"Income Statement Location", "label": "Statement of Income Location, Balance [Axis]", "documentation": "Information by location in statement of income where disaggregated
amount has been reported." } } }, "auth_ref": ["r404", "r411", "r421", "r685", "r689", "r694", "r864", "r866", "r942", "r1006", "r1072", "r1423"] }, "us-
gaap_IncomeStatementLocationDomain": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "IncomeStatementLocationDomain",
"presentation": [
"http://www.alcoa.com/20240630/taxonomy/role/DisclosureAccumulatedOtherComprehensiveLossSummaryOfChangesInAccumulatedOtherComprehensiveLossIncomeByCompon
"http://www.alcoa.com/20240630/taxonomy/role/DisclosureAssetRetirementObligationsAdditionalInformationDetail",
"http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureDerivativesAndOtherFinancialInstrumentsAdditionalInformationDetail",
"http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureDerivativesAndOtherFinancialInstrumentsScheduleOfReconciliationOfActivityForDerivativeContractsDetail",
"http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureIncomeTaxesAdditionalInformationDetail",
"http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureInvestmentsAdditionalInformationDetail",
"http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureRestructuringAndOtherChargesNetAdditionalInformationDetail"], "lang": { "en-us": { "role": { "terseLabel":
"Income Statement Location", "label": "Statement of Income Location, Balance [Domain]", "documentation": "Location in statement of income where disaggregated amount
has been reported." } } }, "auth_ref": ["r411", "r421", "r685", "r689", "r694", "r864", "r866", "r942", "r1006", "r1072", "r1423"] }, "us-gaap_IncomeTaxAuthorityAxis": {
"xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "IncomeTaxAuthorityAxis", "presentation": [
"http://www.alcoa.com/20240630/taxonomy/role/DisclosureContingenciesAdditionalInformation1Detail"], "lang": { "en-us": { "role": { "terseLabel": "Income Tax Authority",
"label": "Income Tax Jurisdiction [Axis]", "documentation": "Information by income tax jurisdiction." } } }, "auth_ref": ["r233", "r608", "r609", "r614", "r618", "r1064", "r1373"
] }, "us-gaap_IncomeTaxAuthorityDomain": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "IncomeTaxAuthorityDomain",
"presentation": ["http://www.alcoa.com/20240630/taxonomy/role/DisclosureContingenciesAdditionalInformation1Detail"], "lang": { "en-us": { "role": { "terseLabel": "Income
Tax Authority", "label": "Income Tax Jurisdiction [Domain]", "documentation": "Income tax jurisdiction." } } }, "auth_ref": ["r233", "r608", "r609", "r614", "r618", "r1064",
"r1373"] }, "us-gaap_IncomeTaxAuthorityNameAxis": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "IncomeTaxAuthorityNameAxis",
"presentation": ["http://www.alcoa.com/20240630/taxonomy/role/DisclosureContingenciesAdditionalInformation1Detail"], "lang": { "en-us": { "role": { "terseLabel": "Income
Tax Authority, Name", "label": "Income Tax Authority, Name [Axis]", "documentation": "Information by name of taxing authority." } } }, "auth_ref": ["r614", "r1373"] }, "us-
gaap_IncomeTaxAuthorityNameDomain": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "IncomeTaxAuthorityNameDomain",
"presentation": ["http://www.alcoa.com/20240630/taxonomy/role/DisclosureContingenciesAdditionalInformation1Detail"], "lang": { "en-us": { "role": { "terseLabel": "Income
Tax Authority, Name", "label": "Income Tax Authority, Name [Domain]", "documentation": "Named agency, division or body that levies income taxes, examines tax returns for
compliance, or grants exemptions from or makes other decisions pertaining to income taxes." } } }, "auth_ref": ["r614", "r1373"] },
"aa_IncomeTaxBenefitsDueToInflationReductionActTaxCredits": { "xbrltype": "monetaryItemType", "nsuri": "http://www.alcoa.com/20240630", "localname":
"IncomeTaxBenefitsDueToInflationReductionActTaxCredits", "crdr": "debit", "presentation": [
"http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureIncomeTaxesAdditionalInformationDetail"], "lang": { "en-us": { "role": { "terseLabel": "Income tax benefits
due to inflation reduction act tax credits", "label": "Income Tax Benefits due to Inflation Reduction Act Tax Credits", "documentation": "Income tax benefits due to inflation
reduction act tax credits." } } }, "auth_ref": [] }, "aa_IncomeTaxBenefitsRecordedInCostOfGoodsSold": { "xbrltype": "monetaryItemType", "nsuri":
"http://www.alcoa.com/20240630", "localname": "IncomeTaxBenefitsRecordedInCostOfGoodsSold", "crdr": "credit", "presentation": [
"http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureIncomeTaxesAdditionalInformationDetail"], "lang": { "en-us": { "role": { "terseLabel": "Income tax benefits
recorded in Cost of goods sold", "label": "Income Tax Benefits Recorded in Cost of Goods Sold", "documentation": "Income tax benefits recorded in cost of goods sold." } } },
"auth_ref": [] }, "us-gaap_IncomeTaxCreditsAndAdjustments": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname":
"IncomeTaxCreditsAndAdjustments", "crdr": "debit", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/DisclosureContingenciesAdditionalInformation1Detail"
], "lang": { "en-us": { "role": { "terseLabel": "Value added tax receivable", "verboseLabel": "Value added tax receivable", "label": "Income Tax Credits and Adjustments",
"documentation": "A credit or adjustment for government or taxing authority authorized decrease in taxes owed as a result of meeting certain tax policy conditions." } } },
"auth_ref": ["r136"] }, "us-gaap_IncomeTaxDisclosureAbstract": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname":
"IncomeTaxDisclosureAbstract", "lang": { "en-us": { "role": { "label": "Income Tax Disclosure [Abstract]" } } }, "auth_ref": [] }, "us-gaap_IncomeTaxDisclosureTextBlock": {
"xbrltype": "textBlockItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "IncomeTaxDisclosureTextBlock", "presentation": [
"http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureIncomeTaxes"], "lang": { "en-us": { "role": { "terseLabel": "Income Taxes", "label": "Income Tax Disclosure
[Text Block]", "documentation": "The entire disclosure for income tax." } } }, "auth_ref": ["r237", "r604", "r608", "r611", "r612", "r613", "r615", "r617", "r623", "r625", "r626",
"r627", "r884", "r1064"] }, "us-gaap_IncomeTaxExaminationEstimateOfPossibleLoss": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname":
"IncomeTaxExaminationEstimateOfPossibleLoss", "crdr": "debit", "presentation": [
"http://www.alcoa.com/20240630/taxonomy/role/DisclosureContingenciesAdditionalInformation1Detail"], "lang": { "en-us": { "role": { "terseLabel": "Charge recorded in
provision for income taxes to establish liability for estimated loss", "label": "Income Tax Examination, Estimate of Possible Loss", "documentation": "Estimated amount of loss
resulting from an adverse tax position." } } }, "auth_ref": ["r1371"] }, "us-gaap_IncomeTaxExpenseBenefit": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-
gaap/2024", "localname": "IncomeTaxExpenseBenefit", "crdr": "debit", "presentation": [
"http://www.alcoa.com/20240630/taxonomy/role/DisclosureSegmentInformationScheduleOfSegmentAdjustedEbitdaToConsolidatedNetIncomeLossAttributableToAlcoaCorporatic
"http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureIncomeTaxesScheduleOfIncomeTaxesDetail",
"http://www.alcoa.com/20240630/taxonomy/role/StatementStatementOfConsolidatedOperationsUnaudited1"], "lang": { "en-us": { "role": { "totalLabel": "Provision for income
taxes", "terseLabel": "Provision for income taxes", "negatedLabel": "Provision for income taxes", "label": "Income Tax Expense (Benefit)", "documentation": "Amount of current
income tax expense (benefit) and deferred income tax expense (benefit) pertaining to continuing operations." } } }, "auth_ref": ["r172", "r179", "r255", "r256", "r276", "r292",
"r307", "r607", "r608", "r624", "r844", "r1064"] }, "aa_IncomeTaxExpenseBenefitFromEstimatedAnnualizedEffectiveTaxRate": { "xbrltype": "monetaryItemType", "nsuri":
"http://www.alcoa.com/20240630", "localname": "IncomeTaxExpenseBenefitFromEstimatedAnnualizedEffectiveTaxRate", "crdr": "debit", "presentation": [
"http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureIncomeTaxesScheduleOfIncomeTaxesDetail"], "lang": { "en-us": { "role": { "terseLabel": "Income tax (benefit)
expense", "label": "Income Tax Expense Benefit From Estimated Annualized Effective Tax Rate", "documentation": "Income tax expense (benefit) from estimated annualized
effective tax rate." } } }, "auth_ref": [] }, "aa_IncomeTaxPayablePossibleUnrecordedAssessedAmountFromTaxingAuthority": { "xbrltype": "monetaryItemType", "nsuri":
"http://www.alcoa.com/20240630", "localname": "IncomeTaxPayablePossibleUnrecordedAssessedAmountFromTaxingAuthority", "crdr": "credit", "presentation": [
"http://www.alcoa.com/20240630/taxonomy/role/DisclosureContingenciesAdditionalInformation1Detail"], "lang": { "en-us": { "role": { "terseLabel": "Additional income tax
payable, exclusive of interest and penalties", "label": "Income Tax Payable Possible Unrecorded Assessed Amount From Taxing Authority", "documentation": "Income tax
payable, possible unrecorded assessed amount from taxing authority." } } }, "auth_ref": [] }, "aa_IncomeTaxesLineItems": { "xbrltype": "stringItemType", "nsuri":
"http://www.alcoa.com/20240630", "localname": "IncomeTaxesLineItems", "presentation": [
"http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureIncomeTaxesAdditionalInformationDetail"], "lang": { "en-us": { "role": { "terseLabel": "Income Taxes [Line
Items]", "label": "Income Taxes [Line Items]", "documentation": "Income taxes." } } }, "auth_ref": [], "aa_IncomeTaxesTable": { "xbrltype": "stringItemType", "nsuri":
"http://www.alcoa.com/20240630", "localname": "IncomeTaxesTable", "presentation": [
"http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureIncomeTaxesAdditionalInformationDetail"], "lang": { "en-us": { "role": { "terseLabel": "Income Taxes [Table]",
"label": "Income Taxes [Table]", "documentation": "Income taxes." } } }, "auth_ref": [] }, "us-gaap_IncreaseDecreaseInAccountsPayableTrade": { "xbrltype":
"monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "IncreaseDecreaseInAccountsPayableTrade", "crdr": "debit", "presentation": [
"http://www.alcoa.com/20240630/taxonomy/role/StatementStatementOfConsolidatedCashFlowsUnaudited"], "lang": { "en-us": { "role": { "label": "Increase (Decrease) in
Accounts Payable, Trade", "terseLabel": "Decrease in accounts payable, trade", "documentation": "Change in recurring obligations of a business that arise from the acquisition
of merchandise, materials, supplies and services used in the production and sale of goods and services." } } }, "auth_ref": ["r14"] }, "us-
gaap_IncreaseDecreaseInAccruedLiabilities": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "IncreaseDecreaseInAccruedLiabilities",
"crdr": "debit", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/StatementStatementOfConsolidatedCashFlowsUnaudited"], "lang": { "en-us": { "role": {
"terseLabel": "Decrease in accrued expenses", "totalLabel": "Increase (Decrease) in Accrued Liabilities, Total", "label": "Increase (Decrease) in Accrued Liabilities",
"documentation": "The increase (decrease) during the reporting period in the aggregate amount of expenses incurred but not yet paid." } } }, "auth_ref": ["r14"] }, "us-
gaap_IncreaseDecreaseInAccruedTaxesPayable": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname":
"IncreaseDecreaseInAccruedTaxesPayable", "crdr": "debit", "presentation": [
"http://www.alcoa.com/20240630/taxonomy/role/StatementStatementOfConsolidatedCashFlowsUnaudited"], "lang": { "en-us": { "role": { "terseLabel": "Increase (decrease) in
taxes, including income taxes", "totalLabel": "Increase (Decrease) in Accrued Taxes Payable, Total", "label": "Increase (Decrease) in Accrued Taxes Payable", "documentation":
"The increase (decrease) during the reporting period of all taxes owed but not paid, including income, property and other taxes." } } }, "auth_ref": ["r1234"] }, "us-
gaap_IncreaseDecreaseInInventories": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "IncreaseDecreaseInInventories", "crdr":
"credit", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/StatementStatementOfConsolidatedCashFlowsUnaudited"], "lang": { "en-us": { "role": {
"negatedLabel": "Decrease in inventories", "totalLabel": "Increase (Decrease) in Inventories, Total", "label": "Increase (Decrease) in Inventories", "documentation": "The
increase (decrease) during the reporting period in the aggregate value of all inventory held by the reporting entity, associated with underlying transactions that are classified
as operating activities." } } }, "auth_ref": ["r14"] }, "us-gaap_IncreaseDecreaseInOperatingCapitalAbstract": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-
gaap/2024", "localname": "IncreaseDecreaseInOperatingCapitalAbstract", "presentation": [
"http://www.alcoa.com/20240630/taxonomy/role/StatementStatementOfConsolidatedCashFlowsUnaudited"], "lang": { "en-us": { "role": { "terseLabel": "Changes in assets and
liabilities, excluding effects of divestitures and foreign currency translation adjustments", "label": "Increase (Decrease) in Operating Capital [Abstract]" } } }, "auth_ref": [] },
"us-gaap_IncreaseDecreaseInOtherNoncurrentAssets": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname":

"IncreaseDecreaseInOtherNoncurrentAssets", "crdr": "credit", "presentation": [
"http://www.alcoa.com/20240630/taxonomy/role/DisclosurePensionAndOtherPostretirementBenefitsSummaryOfInformationInCurtailmentOrSettlementOfBenefitsRequiringRem
"http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosurePensionAndOtherPostretirementBenefitsAdditionalInformationDetail",
"http://www.alcoa.com/20240630/taxonomy/role/StatementStatementOfConsolidatedCashFlowsUnaudited"], "lang": { "en-us": { "role": { "verboseLabel": "Increase (decrease)
to other noncurrent assets", "negatedLabel": "Decrease (increase) in noncurrent assets", "label": "Decrease to other noncurrent assets", "documentation": "Amount of increase
(decrease) in noncurrent assets classified as other." } } }, "auth_ref": ["r1234"] }, "us-gaap_IncreaseDecreaseInOtherNoncurrentLiabilities": { "xbrltype":
"monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "IncreaseDecreaseInOtherNoncurrentLiabilities", "crdr": "debit", "presentation": [
"http://www.alcoa.com/20240630/taxonomy/role/StatementStatementOfConsolidatedCashFlowsUnaudited"], "lang": { "en-us": { "role": { "terseLabel": "Decrease in noncurrent
liabilities", "label": "Increase (Decrease) in Other Noncurrent Liabilities", "documentation": "Amount of increase (decrease) in noncurrent operating liabilities classified as
other." } } }, "auth_ref": [] }, "us-gaap_IncreaseDecreaseInPrepaidDeferredExpenseAndOtherAssets": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-
gaap/2024", "localname": "IncreaseDecreaseInPrepaidDeferredExpenseAndOtherAssets", "crdr": "credit", "presentation": [
"http://www.alcoa.com/20240630/taxonomy/role/StatementStatementOfConsolidatedCashFlowsUnaudited"], "lang": { "en-us": { "role": { "negatedLabel": "Decrease in prepaid
expenses and other current assets", "label": "Increase (Decrease) in Prepaid Expense and Other Assets", "documentation": "Amount of increase (decrease) in prepaid expenses,
and assets classified as other." } } }, "auth_ref": ["r14"] }, "us-gaap_IncreaseDecreaseInReceivables": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-
gaap/2024", "localname": "IncreaseDecreaseInReceivables", "crdr": "credit", "presentation": [
"http://www.alcoa.com/20240630/taxonomy/role/StatementStatementOfConsolidatedCashFlowsUnaudited"], "lang": { "en-us": { "role": { "negatedLabel": "(Increase) decrease
in receivables", "totalLabel": "Increase (Decrease) in Receivables, Total", "label": "Increase (Decrease) in Receivables", "documentation": "The increase (decrease) during the
reporting period in the total amount due within one year (or one operating cycle) from all parties, associated with underlying transactions that are classified as operating
activities." } } }, "auth_ref": ["r14"] }, "us-gaap_IncrementalCommonSharesAttributableToNonvestedSharesWithForfeitableDividends": { "xbrltype": "sharesItemType",
"nsuri": "http://fasb.org/us-gaap/2024", "localname": "IncrementalCommonSharesAttributableToNonvestedSharesWithForfeitableDividends", "presentation": [
"http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureEarningsPerShareScheduleOfComputationOfBasicAndDilutedEPSAttributableToAlcoaCorporationCommonShare
], "lang": { "en-us": { "role": { "terseLabel": "Stock units", "label": "Incremental Common Shares Attributable to Dilutive Effect of Nonvested Shares with Forfeitable
Dividends", "documentation": "Number of additional shares included in diluted EPS for potentially dilutive effect of nonvested equity-based payment award containing
forfeitable rights to dividends or dividend equivalents, whether paid or unpaid." } } }, "auth_ref": ["r40", "r1247", "r1248", "r1249", "r1251"] }, "us-
gaap_IncrementalCommonSharesAttributableToShareBasedPaymentArrangements": { "xbrltype": "sharesItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname":
"IncrementalCommonSharesAttributableToShareBasedPaymentArrangements", "presentation": [
"http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureEarningsPerShareScheduleOfComputationOfBasicAndDilutedEPSAttributableToAlcoaCorporationCommonShare
], "lang": { "en-us": { "role": { "terseLabel": "Stock options", "label": "Incremental Common Shares Attributable to Dilutive Effect of Share-Based Payment Arrangements",
"documentation": "Additional shares included in the calculation of diluted EPS as a result of the potentially dilutive effect of share based payment arrangements using the
treasury stock method." } } }, "auth_ref": ["r264", "r265", "r266", "r271", "r575"] }, "ecd_IndividualAxis": { "xbrltype": "stringItemType", "nsuri":
"http://xbrl.sec.gov/ecd/2024", "localname": "IndividualAxis", "presentation": ["http://xbrl.sec.gov/ecd/role/AwardTimingDisclosure",
"http://xbrl.sec.gov/ecd/role/ErrCompDisclosure", "http://xbrl.sec.gov/ecd/role/InsiderTradingArrangements", "http://xbrl.sec.gov/ecd/role/PvpDisclosure"], "lang": { "en-us": {
"role": { "label": "Individual [Axis]", "terseLabel": "Individual:" } } }, "auth_ref": ["r1125", "r1135", "r1145", "r1169", "r1177", "r1181", "r1189"] }, "us-
gaap_IndividualMember": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "IndividualMember", "presentation": [
"http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureDerivativesAndOtherFinancialInstrumentsScheduleOfQuantitativeInformationForLevel3DerivativeContractsData
], "lang": { "en-us": { "role": { "terseLabel": "Counterparty [Member]", "label": "Individual Counterparty [Member]", "documentation": "Individual person that is legally
permitted to enter into a contract and be sued if that person fails to meet the obligations imposed by a contract." } } }, "auth_ref": [] }, "ecd_InsiderTradingArrLineItems": {
"xbrltype": "stringItemType", "nsuri": "http://xbrl.sec.gov/ecd/2024", "localname": "InsiderTradingArrLineItems", "lang": { "en-us": { "role": { "label": "Insider Trading
Arrangements [Line Items]", "terseLabel": "Insider Trading Arrangements:" } } }, "auth_ref": ["r1187"] }, "ecd_InsiderTradingPoliciesProcLineItems": { "xbrltype":
"stringItemType", "nsuri": "http://xbrl.sec.gov/ecd/2024", "localname": "InsiderTradingPoliciesProcLineItems", "lang": { "en-us": { "role": { "label": "Insider Trading Policies
and Procedures [Line Items]", "terseLabel": "Insider Trading Policies and Procedures:" } } }, "auth_ref": ["r1117", "r1193"] }, "ecd_InsiderTrdPoliciesProcAdoptedFlag": {
"xbrltype": "booleanItemType", "nsuri": "http://xbrl.sec.gov/ecd/2024", "localname": "InsiderTrdPoliciesProcAdoptedFlag", "presentation": [
"http://xbrl.sec.gov/ecd/role/InsiderTradingPoliciesProc"], "lang": { "en-us": { "role": { "label": "Insider Trading Policies and Procedures Adopted [Flag]", "terseLabel":
"Insider Trading Policies and Procedures Adopted" } } }, "auth_ref": ["r1117", "r1193"] }, "ecd_InsiderTrdPoliciesProcNotAdoptedTextBlock": { "xbrltype":
"textBlockItemType", "nsuri": "http://xbrl.sec.gov/ecd/2024", "localname": "InsiderTrdPoliciesProcNotAdoptedTextBlock", "presentation": [
"http://xbrl.sec.gov/ecd/role/InsiderTradingPoliciesProc"], "lang": { "en-us": { "role": { "label": "Insider Trading Policies and Procedures Not Adopted [Text Block]",
"terseLabel": "Insider Trading Policies and Procedures Not Adopted" } } }, "auth_ref": ["r1117", "r1193"] }, "aa_IntalcoAluminumSmelterMember": { "xbrltype":
"domainItemType", "nsuri": "http://www.alcoa.com/20240630", "localname": "IntalcoAluminumSmelterMember", "presentation": [
"http://www.alcoa.com/20240630/taxonomy/role/DisclosureAssetRetirementObligationsAdditionalInformationDetail",
"http://www.alcoa.com/20240630/taxonomy/role/DisclosureContingenciesAdditionalInformationDetail",
"http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureRestructuringAndOtherChargesNetAdditionalInformationDetail"], "lang": { "en-us": { "role": { "terseLabel":
"Intalco Aluminum Smelter [Member]", "label": "Intalco Aluminum Smelter [Member]", "documentation": "Intalco aluminum smelter." } } }, "auth_ref": [] },
"aa_IntalcoFacilityMember": { "xbrltype": "domainItemType", "nsuri": "http://www.alcoa.com/20240630", "localname": "IntalcoFacilityMember", "presentation": [
"http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureRestructuringAndOtherChargesNetAdditionalInformationDetail"], "lang": { "en-us": { "role": {
"documentation": "Intalco facility.", "label": "Intalco Facility [Member]", "terseLabel": "Intalco [Member]" } } }, "auth_ref": [] }, "us-gaap_InterestExpense": { "xbrltype":
"monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "InterestExpense", "crdr": "debit", "presentation": [
"http://www.alcoa.com/20240630/taxonomy/role/DisclosureSegmentInformationScheduleOfSegmentAdjustedEbitdaToConsolidatedNetIncomeLossAttributableToAlcoaCorporati
"http://www.alcoa.com/20240630/taxonomy/role/StatementStatementOfConsolidatedOperationsUnaudited1"], "lang": { "en-us": { "role": { "terseLabel": "Interest expense",
"totalLabel": "Interest Expense, Total", "negatedLabel": "Interest expense", "label": "Interest Expense, Operating and Nonoperating", "documentation": "Amount of interest
expense classified as operating and nonoperating. Includes, but is not limited to, cost of borrowing accounted for as interest expense." } } }, "auth_ref": ["r276", "r284",
"r288", "r294", "r307", "r720", "r1025", "r1026"] }, "us-gaap_InterestRateContractMember": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024",
"localname": "InterestRateContractMember", "presentation": [
"http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureAccumulatedOtherComprehensiveLossSummaryOfChangesInAccumulatedOtherComprehensiveLossIncomeByCo
], "lang": { "en-us": { "role": { "terseLabel": "Interest Rate Contracts [Member]", "label": "Interest Rate Contract [Member]", "documentation": "Derivative instrument whose
primary underlying risk is tied to the right to receive or pay a sum of money at a given interest rate." } } }, "auth_ref": ["r1007", "r1016", "r1053", "r1069"] },
"aa_InterrelationshipOfForwardEnergyPriceAndContractPriceMember": { "xbrltype": "domainItemType", "nsuri": "http://www.alcoa.com/20240630", "localname":
"InterrelationshipOfForwardEnergyPriceAndContractPriceMember", "presentation": [
"http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureDerivativesAndOtherFinancialInstrumentsScheduleOfQuantitativeInformationForLevel3DerivativeContractsData
], "lang": { "en-us": { "role": { "documentation": "Interrelationship of forward energy price and contract price.", "label": "Interrelationship Of Forward Energy Price And
Contract Price [Member]", "terseLabel": "Interrelationship of Forward Energy Price and Contract Price [Member]" } } }, "auth_ref": [] },
"aa_InterrelationshipOfForwardEnergyPriceLMEForwardAndConsumerPriceIndexMember": { "xbrltype": "domainItemType", "nsuri": "http://www.alcoa.com/20240630",
"localname": "InterrelationshipOfForwardEnergyPriceLMEForwardAndConsumerPriceIndexMember", "presentation": [
"http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureDerivativesAndOtherFinancialInstrumentsScheduleOfQuantitativeInformationForLevel3DerivativeContractsData
], "lang": { "en-us": { "role": { "terseLabel": "Interrelationship of Forward Energy Price, LME Forward Price and Consumer Price Index [Member]", "label": "Interrelationship
Of Forward Energy Price L M E Forward Price And Consumer Price Index [Member]", "documentation": "Interrelationship of forward energy price, LME forward price and
consumer price index." } } }, "auth_ref": [] }, "us-gaap_IntersegmentEliminationMember": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024",
"localname": "IntersegmentEliminationMember", "presentation": [
"http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureSegmentInformationScheduleOfOperatingResultsOfAlcoaSReportableSegmentsDetail"], "lang": { "en-us": {
"role": { "terseLabel": "Intersegment Eliminations [Member]", "label": "Intersegment Eliminations [Member]", "documentation": "Eliminating entries used in operating
segment consolidation." } } }, "auth_ref": ["r169", "r276", "r286", "r301", "r302", "r303", "r304", "r305", "r307", "r308", "r1025"] }, "us-gaap_InventoryDisclosureAbstract": {
"xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "InventoryDisclosureAbstract", "lang": { "en-us": { "role": { "label": "Inventory Disclosure
[Abstract]" } } }, "auth_ref": [] }, "us-gaap_InventoryDisclosureTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname":
"InventoryDisclosureTextBlock", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureInventories"], "lang": { "en-us": { "role": { "terseLabel":
"Inventories", "label": "Inventory Disclosure [Text Block]", "documentation": "The entire disclosure for inventory. Includes, but is not limited to, the basis of stating inventory,
the method of determining inventory cost, the classes of inventory, and the nature of the cost elements included in inventory." } } }, "auth_ref": ["r379"] }, "us-
gaap_InventoryFinishedGoodsNetOfReserves": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname":
"InventoryFinishedGoodsNetOfReserves", "crdr": "debit", "presentation": [
"http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureInventoriesScheduleOfInventoryComponentsDetail"], "lang": { "en-us": { "role": { "terseLabel": "Finished
goods", "label": "Inventory, Finished Goods, Net of Reserves", "documentation": "Carrying amount, net of valuation reserves and adjustments, as of the balance sheet date of
merchandise or goods held by the company that are readily available for sale." } } }, "auth_ref": ["r140", "r1012"] }, "us-gaap_InventoryNet": { "xbrltype":
"monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "InventoryNet", "crdr": "debit", "presentation": [
"http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureInventoriesScheduleOfInventoryComponentsDetail",
"http://www.alcoa.com/20240630/taxonomy/role/Role_StatementConsolidatedBalanceSheetUnaudited"], "lang": { "en-us": { "role": { "verboseLabel": "Inventory sold",
"terseLabel": "Inventories (J)", "totalLabel": "Inventories, total", "label": "Inventory, Net", "documentation": "Amount after valuation and LIFO reserves of inventory expected
to be sold, or consumed within one year or operating cycle, if longer." } } }, "auth_ref": ["r201", "r1011", "r1081"] }, "us-gaap_InventoryRawMaterialsNetOfReserves": {
"xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "InventoryRawMaterialsNetOfReserves", "crdr": "debit", "presentation": [
"http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureInventoriesScheduleOfInventoryComponentsDetail"], "lang": { "en-us": { "role": { "terseLabel": "Purchased
raw materials", "label": "Inventory, Raw Materials, Net of Reserves", "documentation": "Carrying amount, net of valuation reserves and adjustments, as of the balance sheet
date of unprocessed items to be consumed in the manufacturing or production process." } } }, "auth_ref": ["r140", "r1014"] }, "us-gaap_InventorySuppliesNetOfReserves": {
"xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "InventorySuppliesNetOfReserves", "crdr": "debit", "presentation": [
"http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureInventoriesScheduleOfInventoryComponentsDetail"], "lang": { "en-us": { "role": { "terseLabel": "Operating
supplies", "label": "Inventory, Supplies, Net of Reserves", "documentation": "Carrying amount, net of valuation reserves and adjustments, as of the balance sheet date of
products used directly or indirectly in the manufacturing or production process, which may or may not become part of the final product. May also include items used in the
storage, presentation or transportation of physical goods." } } }, "auth_ref": ["r140", "r1015"] }, "us-gaap_InventoryWorkInProcessNetOfReserves": { "xbrltype":
"monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "InventoryWorkInProcessNetOfReserves", "crdr": "debit", "presentation": [
"http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureInventoriesScheduleOfInventoryComponentsDetail"], "lang": { "en-us": { "role": { "terseLabel": "Work-in-
process", "label": "Inventory, Work in Process, Net of Reserves", "documentation": "Carrying amount, net of reserves and adjustments, as of the balance sheet date of
merchandise or goods which are partially completed. This inventory is generally comprised of raw materials, labor and factory overhead costs, which require further materials,
labor and overhead to be converted into finished goods, and which generally require the use of estimates to determine percentage complete and pricing." } } }, "auth_ref": [
"r140", "r1013"] }, "us-gaap_InventoryWriteDown": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "InventoryWriteDown", "crdr":
"debit", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureRestructuringAndOtherChargesNetAdditionalInformationDetail"], "lang": { "en-us":
{ "role": { "terseLabel": "Other costs", "label": "Inventory Write-down", "documentation": "Amount of loss from reductions in inventory due to subsequent measurement
adjustments, including, but not limited to, physical deterioration, obsolescence, or changes in price levels." } } }, "auth_ref": ["r380"] }, "us-
gaap_InvestmentsInAffiliatesSubsidiariesAssociatesAndJointVentures": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname":

"InvestmentsInAffiliatesSubsidiariesAssociatesAndJointVentures", "crdr": "debit", "presentation": [
"http://www.alcoa.com/20240630/taxonomy/role/Role_StatementConsolidatedBalanceSheetUnaudited"], "lang": { "en-us": { "role": { "totalLabel": "Investments in and Advance to Affiliates, Subsidiaries, Associates, and Joint Ventures, Total", "terseLabel": "Investments (H)", "label": "Investments in and Advance to Affiliates, Subsidiaries, Associates, and Joint Ventures", "documentation": "Amount of investment in equity method investee and investment in and advance to affiliate." } } }, "auth_ref": ["r1223"] }, "aa_JointVentureRecordedDisputeAdjustmentWithIndustrialUtility": { "xbrltype": "monetaryItemType", "nsuri": "http://www.alcoa.com/20240630", "localname": "JointVentureRecordedDisputeAdjustmentWithIndustrialUtility", "crdr": "debit", "presentation": [
"http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureInvestmentsAdditionalInformationDetail"], "lang": { "en-us": { "role": { "terseLabel": "Adjustment recorded", "label": "Joint Venture Recorded Dispute Adjustment With Industrial Utility", "documentation": "Joint venture recorded dispute adjustment with industrial utility." } } }, "auth_ref": [] }, "aa_JointVentureRecordedDisputeChargesWithIndustrialUtility": { "xbrltype": "monetaryItemType", "nsuri": "http://www.alcoa.com/20240630", "localname": "JointVentureRecordedDisputeChargesWithIndustrialUtility", "crdr": "debit", "presentation": [
"http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureInvestmentsAdditionalInformationDetail"], "lang": { "en-us": { "role": { "documentation": "Joint venture recorded dispute charges with industrial utility.", "label": "Joint Venture Recorded Dispute Charges With Industrial Utility", "terseLabel": "Charges recorded" } } }, "auth_ref": [] }, "aa_KwinanaRefineryMember": { "xbrltype": "domainItemType", "nsuri": "http://www.alcoa.com/20240630", "localname": "KwinanaRefineryMember", "presentation": [
"http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureRestructuringAndOtherChargesNetAdditionalInformationDetail"], "lang": { "en-us": { "role": { "terseLabel": "Kwinana Refinery [Member]", "label": "Kwinana Refinery [Member]", "documentation": "Kwinana refinery." } } }, "auth_ref": [] }, "aa_LakeCharlesAnodeFacilityMember": { "xbrltype": "domainItemType", "nsuri": "http://www.alcoa.com/20240630", "localname": "LakeCharlesAnodeFacilityMember", "presentation": [
"http://www.alcoa.com/20240630/taxonomy/role/DisclosureAssetRetirementObligationsAdditionalInformationDetail"], "lang": { "en-us": { "role": { "terseLabel": "Lake Charles Anode Facility [Member]", "label": "Lake Charles Anode Facility [Member]", "documentation": "Lake Charles Anode Facility." } } }, "auth_ref": [] }, "aa_LegalDisputesRelatedToTwoThousandNineteenDivestitureMember": { "xbrltype": "domainItemType", "nsuri": "http://www.alcoa.com/20240630", "localname": "LegalDisputesRelatedToTwoThousandNineteenDivestitureMember", "presentation": [
"http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureRestructuringAndOtherChargesNetAdditionalInformationDetail"], "lang": { "en-us": { "role": { "documentation": "Legal disputes related to two thousand nineteen divestiture.", "label": "Legal Disputes Related To Two Thousand Nineteen Divestiture [Member]", "terseLabel": "Legal Disputes Related to 2019 Divestiture [Member]" } } }, "auth_ref": [] }, "dei_LegalEntityAxis": { "xbrltype": "stringItemType", "nsuri": "http://xbrl.sec.gov/dei/2024", "localname": "LegalEntityAxis", "presentation": [
"http://www.alcoa.com/20240630/taxonomy/role/DisclosureAcquisitionsAndDivestituresAdditionalInformationDetail",
"http://www.alcoa.com/20240630/taxonomy/role/DisclosureContingenciesAdditionalInformation1Detail",
"http://www.alcoa.com/20240630/taxonomy/role/DisclosureDebtAdditionalInformationDetail",
"http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureBasisOfPresentationAdditionalInformationDetail",
"http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureDerivativesAndOtherFinancialInstrumentsScheduleOfQuantitativeInformationForLevel3DerivativeContractsDeta
"http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureInvestmentsAdditionalInformationDetail",
"http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureInvestmentsSummaryOfUnauditedFinancialInformationForAlcoaCorporationSEquityInvestmentsDetail"],
"lang": { "en-us": { "role": { "terseLabel": "Legal Entity", "label": "Legal Entity [Axis]", "documentation": "The set of legal entities associated with a report." } } }, "auth_ref": [] }, "us-gaap_LegalEntityTypeOfCounterpartyDomain": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "LegalEntityTypeOfCounterpartyDomain", "presentation": [
"http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureDerivativesAndOtherFinancialInstrumentsScheduleOfQuantitativeInformationForLevel3DerivativeContractsDeta
], "lang": { "en-us": { "role": { "label": "Legal Entity Type of Counterparty [Domain]", "documentation": "Nature of the other party participating in a financial transaction." } } }, "auth_ref": [] }, "us-gaap_Liabilities": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "Liabilities", "crdr": "credit", "presentation": [
"http://www.alcoa.com/20240630/taxonomy/role/Role_StatementConsolidatedBalanceSheetUnaudited"], "lang": { "en-us": { "role": { "totalLabel": "Total liabilities", "label": "Liabilities", "documentation": "Amount of liability recognized for present obligation requiring transfer or otherwise providing economic benefit to others." } } }, "auth_ref": ["r27", "r98", "r99", "r100", "r103", "r104", "r105", "r106", "r236", "r359", "r440", "r441", "r443", "r444", "r445", "r446", "r447", "r449", "r450", "r649", "r652", "r653", "r706", "r916", "r1019", "r1112", "r1300", "r1403", "r1404"] }, "us-gaap_LiabilitiesAbstract": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "LiabilitiesAbstract", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/Role_StatementConsolidatedBalanceSheetUnaudited"], "lang": { "en-us": { "role": { "terseLabel": "LIABILITIES", "label": "Liabilities [Abstract]" } }, "auth_ref": [] }, "us-gaap_LiabilitiesAndStockholdersEquity": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "LiabilitiesAndStockholdersEquity", "crdr": "credit", "presentation": [
"http://www.alcoa.com/20240630/taxonomy/role/Role_StatementConsolidatedBalanceSheetUnaudited"], "lang": { "en-us": { "role": { "totalLabel": "Total liabilities and equity", "label": "Liabilities and Equity", "documentation": "Amount of liabilities and equity items, including the portion of equity attributable to noncontrolling interests, if any." } } }, "auth_ref": ["r114", "r162", "r829", "r1081", "r1239", "r1265", "r1396"] }, "us-gaap_LiabilitiesCurrent": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "LiabilitiesCurrent", "crdr": "credit", "presentation": [
"http://www.alcoa.com/20240630/taxonomy/role/Role_StatementConsolidatedBalanceSheetUnaudited"], "lang": { "en-us": { "role": { "totalLabel": "Total current liabilities", "label": "Liabilities, Current", "documentation": "Total obligations incurred as part of normal operations that are expected to be paid during the following twelve months or within one business cycle, if longer." } } }, "auth_ref": ["r100", "r190", "r236", "r359", "r440", "r441", "r443", "r444", "r445", "r446", "r447", "r449", "r450", "r649", "r652", "r653", "r706", "r1081", "r1300", "r1403", "r1404"] }, "us-gaap_LiabilitiesCurrentAbstract": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "LiabilitiesCurrentAbstract", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/Role_StatementConsolidatedBalanceSheetUnaudited"], "lang": { "en-us": { "role": { "terseLabel": "Current liabilities:", "label": "Liabilities, Current [Abstract]" } } }, "auth_ref": [] }, "aa_LiabilitiesRecordedFromDisposalGroupIncludingDiscontinuedOperation": { "xbrltype": "monetaryItemType", "nsuri": "http://www.alcoa.com/20240630", "localname": "LiabilitiesRecordedFromDisposalGroupIncludingDiscontinuedOperation", "crdr": "credit", "presentation": [
"http://www.alcoa.com/20240630/taxonomy/role/DisclosureAcquisitionsAndDivestituresAdditionalInformationDetail"], "lang": { "en-us": { "role": { "documentation": "Liabilities recorded from disposal group including discontinued operation.", "label": "Liabilities Recorded From Disposal Group Including Discontinued Operation", "terseLabel": "Remaining reserve" } }, "auth_ref": [] }, "us-gaap_LineOfCredit": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "LineOfCredit", "crdr": "credit", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/DisclosureDebtAdditionalInformationDetail"], "lang": { "en-us": { "role": { "totalLabel": "Long-Term Line of Credit, Total", "terseLabel": "Line of credit facility, outstanding borrowings", "label": "Long-Term Line of Credit", "documentation": "The carrying value as of the balance sheet date of the current and noncurrent portions of long-term obligations drawn from a line of credit, which is a bank's commitment to make loans up to a specific amount. Examples of items that might be included in the application of this element may consist of letters of credit, standby letters of credit, and revolving credit arrangements, under which borrowings can be made up to a maximum amount as of any point in time conditional on satisfaction of specified terms before, as of and after the date of drawdowns on the line. Includes short-term obligations that would normally be classified as current liabilities but for which (a) postbalance sheet date issuance of a long term obligation to refinance the short term obligation on a long term basis, or (b) the enterprise has entered into a financing agreement that clearly permits the enterprise to refinance the short-term obligation on a long term basis and the following conditions are met (1) the agreement does not expire within 1 year and is not cancelable by the lender except for violation of an objectively determinable provision, (2) no violation exists at the BS date, and (3) the lender has entered into the financing agreement is expected to be financially capable of honoring the agreement." } } }, "auth_ref": ["r27", "r159", "r1418"] }, "us-gaap_LineOfCreditAssumed1": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "LineOfCreditAssumed1", "crdr": "credit", "presentation": [
"http://www.alcoa.com/20240630/taxonomy/role/DisclosureDebtAdditionalInformationDetail"], "lang": { "en-us": { "role": { "label": "Line of credit assumed", "documentation": "The fair value of line of credit assumed in noncash investing or financing activities." } } }, "auth_ref": ["r36", "r37", "r38"] }, "us-gaap_LineOfCreditFacilityExpirationDate1": { "xbrltype": "dateItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "LineOfCreditFacilityExpirationDate1", "presentation": [
"http://www.alcoa.com/20240630/taxonomy/role/DisclosureDebtAdditionalInformationDetail"], "lang": { "en-us": { "role": { "terseLabel": "Credit facility expiration date", "label": "Line of Credit Facility, Expiration Date", "documentation": "Date the credit facility terminates, in YYYY-MM-DD format." } } }, "auth_ref": ["r97", "r102"] }, "us-gaap_LineOfCreditFacilityMaximumBorrowingCapacity": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "LineOfCreditFacilityMaximumBorrowingCapacity", "crdr": "credit", "presentation": [
"http://www.alcoa.com/20240630/taxonomy/role/DisclosureDebtAdditionalInformationDetail"], "lang": { "en-us": { "role": { "terseLabel": "Unsecured revolving credit facility", "label": "Line of Credit Facility, Maximum Borrowing Capacity", "documentation": "Maximum borrowing capacity under the credit facility without consideration of any current restrictions on the amount that could be borrowed or the amounts currently outstanding under the facility." } } }, "auth_ref": ["r97", "r102"] }, "aa_LineOfCreditFacilityOutstandingAmountDuringPeriod": { "xbrltype": "monetaryItemType", "nsuri": "http://www.alcoa.com/20240630", "localname": "LineOfCreditFacilityOutstandingAmountDuringPeriod", "crdr": "credit", "presentation": [
"http://www.alcoa.com/20240630/taxonomy/role/DisclosureDebtAdditionalInformationDetail"], "lang": { "en-us": { "role": { "terseLabel": "Letters of credit, amounts borrowed", "label": "Line Of Credit Facility, Outstanding Amount During Period", "documentation": "Line of credit facility, outstanding amount during period." } } }, "auth_ref": [] }, "dei_LocalPhoneNumber": { "xbrltype": "normalizedStringItemType", "nsuri": "http://xbrl.sec.gov/dei/2024", "localname": "LocalPhoneNumber", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/Role_DocumentDocumentAndEntityInformation"], "lang": { "en-us": { "role": { "terseLabel": "Local Phone Number", "label": "Local Phone Number", "documentation": "Local phone number for entity." } }, "auth_ref": [] }, "aa_LondonMetalExchangeForwardPrice": { "xbrltype": "monetaryItemType", "nsuri": "http://www.alcoa.com/20240630", "localname": "LondonMetalExchangeForwardPrice", "crdr": "debit", "presentation": [
"http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureDerivativesAndOtherFinancialInstrumentsScheduleOfQuantitativeInformationForLevel3DerivativeContractsDeta
], "lang": { "en-us": { "role": { "terseLabel": "LME forward price", "label": "London Metal Exchange Forward Price", "documentation": "London metal exchange forward price." } } }, "auth_ref": [] }, "us-gaap_LongTermDebtAndCapitalLeaseObligations": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "LongTermDebtAndCapitalLeaseObligations", "crdr": "credit", "presentation": [
"http://www.alcoa.com/20240630/taxonomy/role/Role_StatementConsolidatedBalanceSheetUnaudited"], "lang": { "en-us": { "role": { "terseLabel": "Long-term debt, less amount due within one year (K & M)", "label": "Long-Term Debt and Lease Obligation", "totalLabel": "Long-Term Debt and Lease Obligation, Total", "documentation": "Amount of long-term debt and lease obligation, classified as noncurrent." } } }, "auth_ref": ["r27", "r822"] }, "us-gaap_LongTermDebtAndCapitalLeaseObligationsCurrent": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "LongTermDebtAndCapitalLeaseObligationsCurrent", "crdr": "credit", "presentation": [
"http://www.alcoa.com/20240630/taxonomy/role/Role_StatementConsolidatedBalanceSheetUnaudited"], "lang": { "en-us": { "role": { "terseLabel": "Long-term debt due within one year (K & M)", "label": "Long-Term Debt and Lease Obligation, Current", "totalLabel": "Long-Term Debt and Lease Obligation, Current, Total", "documentation": "Amount of long-term debt and lease obligation, classified as current." } } }, "auth_ref": ["r99"] }, "us-gaap_LongTermDebtFairValue": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "LongTermDebtFairValue", "crdr": "credit", "presentation": [
"http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureDerivativesAndOtherFinancialInstrumentsScheduleOfCarryingValuesAndFairValuesOfOtherFinancialInstrument
], "lang": { "en-us": { "role": { "terseLabel": "Long-term debt, less amount due within one year", "label": "Long-Term Debt, Fair Value", "documentation": "The fair value amount of long-term debt whether such amount is presented as a separate caption or as a parenthetical disclosure. Additionally, this element may be used in connection with the fair value disclosures required in the footnote disclosures to the financial statements. The element may be used in both the balance sheet and disclosure in the same submission." } } }, "auth_ref": ["r1381", "r1383", "r1384", "r1385"] }, "aa_LongviewWashingtonMember": { "xbrltype": "domainItemType", "nsuri": "http://www.alcoa.com/20240630", "localname": "LongviewWashingtonMember", "presentation": [
"http://www.alcoa.com/20240630/taxonomy/role/DisclosureContingenciesAdditionalInformationDetail"], "lang": { "en-us": { "role": { "documentation": "Longview, Washington.", "label": "Longview, Washington [Member]" } }, "auth_ref": [] }, "us-gaap_LossContingenciesByNatureOfContingencyAxis": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "LossContingenciesByNatureOfContingencyAxis", "presentation": [
"http://www.alcoa.com/20240630/taxonomy/role/DisclosureAssetRetirementObligationsAdditionalInformationDetail",
"http://www.alcoa.com/20240630/taxonomy/role/DisclosureContingenciesAdditionalInformationDetail"], "lang": { "en-us": { "role": { "label": "Loss Contingency Nature [Axis]", "documentation": "Information by type of existing condition, situation, or set of circumstances involving uncertainty as to possible loss to an enterprise that will ultimately be resolved when one or more future events occur or fail to occur." } } }, "auth_ref": ["r431", "r432", "r433", "r437", "r602", "r877", "r1039", "r1292", "r1293"] }, "us-gaap_LossContingenciesLineItems": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "LossContingenciesLineItems", "presentation": [

"http://www.alcoa.com/20240630/taxonomy/role/DisclosureContingenciesAdditionalInformation1Detail",
"http://www.alcoa.com/20240630/taxonomy/role/DisclosureContingenciesAdditionalInformationDetail"], "lang": { "en-us": { "role": { "terseLabel": "Loss Contingencies [Line Items]", "label": "Loss Contingencies [Line Items]", "documentation": "Line items represent financial concepts included in a table. These concepts are used to disclose reportable information associated with domain members defined in one or many axes to the table." } } }, "auth_ref": ["r431", "r432", "r433", "r437", "r602", "r1039", "r1292", "r1293"] }, "us-gaap_LossContingenciesTable": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "LossContingenciesTable", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/DisclosureContingenciesAdditionalInformation1Detail",
"http://www.alcoa.com/20240630/taxonomy/role/DisclosureContingenciesAdditionalInformationDetail"], "lang": { "en-us": { "role": { "terseLabel": "Loss Contingencies [Table]", "label": "Loss Contingencies [Table]", "documentation": "Disclosure of information about loss contingency. Excludes environmental contingency, warranty, and unconditional purchase obligation." } } }, "auth_ref": ["r431", "r432", "r433", "r437", "r602", "r1039", "r1292", "r1293"] }, "us-gaap_LossContingencyNatureDomain": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "LossContingencyNatureDomain", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/DisclosureAssetRetirementObligationsAdditionalInformationDetail",
"http://www.alcoa.com/20240630/taxonomy/role/DisclosureContingenciesAdditionalInformationDetail"], "lang": { "en-us": { "role": { "label": "Loss Contingency, Nature [Domain]", "documentation": "An existing condition, situation, or set of circumstances involving uncertainty as to possible loss to an enterprise that will ultimately be resolved when one or more future events occur or fail to occur. Resolution of the uncertainty may confirm the incurrence of a loss or impairment of an asset or the incurrence of a liability." } } }, "auth_ref": ["r431", "r432", "r433", "r437", "r602", "r877", "r1039", "r1292", "r1293"] }, "aa_MRNMember": { "xbrltype": "domainItemType", "nsuri": "http://www.alcoa.com/20240630", "localname": "MRNMember", "presentation": [
"http://www.alcoa.com/20240630/taxonomy/role_DisclosureRestructuringAndOtherChargesNetAdditionalInformationDetail"], "lang": { "en-us": { "role": { "terseLabel": "MRN [Member]", "label": "M R N [Member]", "documentation": "MRN." } } }, "auth_ref": [] },
"aa_MWhOfEnergyNeededToProduceForecastedMtOfAluminumAtRateOf2MillionMWhPerYearMember": { "xbrltype": "domainItemType", "nsuri": "http://www.alcoa.com/20240630", "localname": "MWhOfEnergyNeededToProduceForecastedMtOfAluminumAtRateOf2MillionMWhPerYearMember", "presentation": [
"http://www.alcoa.com/20240630/taxonomy/role_DisclosureDerivativesAndOtherFinancialInstrumentsScheduleOfQuantitativeInformationForLevel3DerivativeContractsDeta l], "lang": { "en-us": { "role": { "documentation": "MWh of Energy Needed to Produce Forecasted Mt of Aluminum at Rate of 2 Million MWh Per Year.", "label": "M Wh Of Energy Needed To Produce Forecasted Mt Of Aluminum At Rate Of 2 Million M Wh Per Year [Member]", "terseLabel": "MWh of Energy Needed to Produce Forecasted Mt of Aluminum at Rate of 2 Million MWh Per Year [Member]" } } }, "auth_ref": [] },
"aa_MWhOfEnergyNeededToProduceForecastedMtOfAluminumAtRateOf4MillionMWhPerYearMember": { "xbrltype": "domainItemType", "nsuri":
"http://www.alcoa.com/20240630", "localname": "MWhOfEnergyNeededToProduceForecastedMtOfAluminumAtRateOf4MillionMWhPerYearMember", "presentation": [
"http://www.alcoa.com/20240630/taxonomy/role_DisclosureDerivativesAndOtherFinancialInstrumentsScheduleOfQuantitativeInformationForLevel3DerivativeContractsDeta l], "lang": { "en-us": { "role": { "terseLabel": "MWh of Energy Needed to Produce Forecasted Mt of Aluminum at Rate of 4 Million MWh Per Year [Member]", "label": "M Wh Of Energy Needed To Produce Forecasted Mt Of Aluminum At Rate Of4 Million M Wh Per Year [Member]", "documentation": "MWh of Energy Needed to Produce Forecasted Mt of Aluminum at Rate of 4 Million MWh Per Year." } } }, "auth_ref": [] },
"aa_MWhOfEnergyNeededToProducesForecastedMtOfAluminumAtRateOf18MillionMWhPerYearMember": { "xbrltype": "domainItemType", "nsuri":
"http://www.alcoa.com/20240630", "localname": "MWhOfEnergyNeededToProducesForecastedMtOfAluminumAtRateOf18MillionMWhPerYearMember", "presentation": [
"http://www.alcoa.com/20240630/taxonomy/role_DisclosureDerivativesAndOtherFinancialInstrumentsScheduleOfQuantitativeInformationForLevel3DerivativeContractsDeta l], "lang": { "en-us": { "role": { "terseLabel": "MWh of Energy Needed to Produce Forecasted Mt of Aluminum at Rate of 18 Million MWh Per Year [Member]", "label": "M Wh Of Energy Needed To Produces Forecasted Mt Of Aluminum At Rate Of18 Million M Wh Per Year [Member]", "documentation": "MWh of energy needed to produces forecasted Mt of aluminum at rate of 18 million MWh per year." } } }, "auth_ref": [] }, "aa_MaadenAlcoaJointVentureMember": { "xbrltype": "domainItemType", "nsuri": "http://www.alcoa.com/20240630", "localname": "MaadenAlcoaJointVentureMember", "presentation": [
"http://www.alcoa.com/20240630/taxonomy/role_DisclosureInvestmentsAdditionalInformationDetail"], "lang": { "en-us": { "role": { "terseLabel": "Maaden Alcoa Joint Venture [Member]", "label": "Maaden Alcoa Joint Venture [Member]", "documentation": "Ma'aden Alcoa joint venture." } } }, "auth_ref": [] },
"aa_MaadenJointVentureMember": { "xbrltype": "domainItemType", "nsuri": "http://www.alcoa.com/20240630", "localname": "MaadenJointVentureMember", "presentation": [
"http://www.alcoa.com/20240630/taxonomy/role_DisclosureInvestmentsSummaryOfUnauditedFinancialInformationForAlcoaCorporationSEquityInvestmentsDetail"], "lang": { "en-us": { "role": { "terseLabel": "Ma'aden Joint Venture [Member]", "label": "Maaden Joint Venture [Member]", "documentation": "Ma'aden joint venture." } } }, "auth_ref": [] }, "aa_MaadenMember": { "xbrltype": "domainItemType", "nsuri": "http://www.alcoa.com/20240630", "localname": "MaadenMember", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role_DisclosureInvestmentsAdditionalInformationDetail"], "lang": { "en-us": { "role": { "terseLabel": "Ma'aden [Member]", "label": "Maaden [Member]", "documentation": "Ma\u2019aden." } } }, "auth_ref": [] }, "aa_MagnesiumSmelterFacilityInAddyMember": { "xbrltype": "domainItemType", "nsuri": "http://www.alcoa.com/20240630", "localname": "MagnesiumSmelterFacilityInAddyMember", "presentation": [
"http://www.alcoa.com/20240630/taxonomy/role/DisclosureAssetRetirementObligationsAdditionalInformationDetail",
"http://www.alcoa.com/20240630/taxonomy/role_DisclosureRestructuringAndOtherChargesNetAdditionalInformationDetail"], "lang": { "en-us": { "role": { "terseLabel": "Magnesium Smelter Facility in Addy [Member]", "label": "Magnesium Smelter Facility In Addy [Member]", "documentation": "Magnesium smelter facility in Addy." } } }, "auth_ref": [] }, "aa_MassenaNewYorkMember": { "xbrltype": "domainItemType", "nsuri": "http://www.alcoa.com/20240630", "localname": "MassenaNewYorkMember", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/DisclosureContingenciesAdditionalInformationDetail"], "lang": { "en-us": { "role": { "terseLabel": "Massena, New York [Member]", "label": "Massena New York [Member]", "documentation": "Massena, New York." } } }, "auth_ref": [] }, "us-gaap_MaterialReconcilingItemsMember": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "MaterialReconcilingItemsMember", "presentation": [
"http://www.alcoa.com/20240630/taxonomy/role/DisclosureSegmentInformationScheduleOfSegmentAdjustedEbitdaToConsolidatedNetIncomeLossAttributableToAlcoaCorporatio], "lang": { "en-us": { "role": { "terseLabel": "Other [Member]", "label": "Segment Reporting, Reconciling Item, Excluding Corporate Nonsegment [Member]", "documentation": "Items used in reconciling reportable segments' amounts to consolidated amount. Excludes corporate-level activity." } } }, "auth_ref": ["r302", "r305", "r308", "r1025", "r1026"] }, "srt_MaximumMember": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/srt/2024", "localname": "MaximumMember", "presentation": [
"http://www.alcoa.com/20240630/taxonomy/role/DisclosureAcquisitionsAndDivestituresAdditionalInformationDetail",
"http://www.alcoa.com/20240630/taxonomy/role/DisclosureContingenciesAdditionalInformation1Detail",
"http://www.alcoa.com/20240630/taxonomy/role/DisclosureContingenciesAdditionalInformationDetail",
"http://www.alcoa.com/20240630/taxonomy/role/DisclosureDebtAdditionalInformationDetail",
"http://www.alcoa.com/20240630/taxonomy/role/DisclosureReceivablesAdditionalInformationDetail",
"http://www.alcoa.com/20240630/taxonomy/role/DisclosureSupplierFinanceProgramsAdditionalInformationDetail",
"http://www.alcoa.com/20240630/taxonomy/role_DisclosureDerivativesAndOtherFinancialInstrumentsAdditionalInformationDetail",
"http://www.alcoa.com/20240630/taxonomy/role_DisclosureDerivativesAndOtherFinancialInstrumentsScheduleOfQuantitativeInformationForLevel3DerivativeContractsDeta l], "lang": { "en-us": { "role": { "terseLabel": "Maximum [Member]", "label": "Maximum [Member]" } } }, "auth_ref": ["r432", "r433", "r435", "r436", "r567", "r602", "r683", "r770", "r863", "r865", "r877", "r908", "r909", "r962", "r964", "r966", "r967", "r984", "r1004", "r1005", "r1030", "r1045", "r1063", "r1073", "r1074", "r1078", "r1079", "r1096", "r1304", "r1405", "r1406", "r1407", "r1408", "r1409", "r1410"] }, "ecd_MeasureAxis": { "xbrltype": "stringItemType", "nsuri": "http://xbrl.sec.gov/ecd/2024", "localname": "MeasureAxis", "presentation": ["http://xbrl.sec.gov/ecd/role/PvpDisclosure"], "lang": { "en-us": { "role": { "label": "Measure [Axis]", "terseLabel": "Measure:" } } }, "auth_ref": ["r1161"] }, "ecd_MeasureName": { "xbrltype": "normalizedStringItemType", "nsuri": "http://xbrl.sec.gov/ecd/2024", "localname": "MeasureName", "presentation": ["http://xbrl.sec.gov/ecd/role/PvpDisclosure"], "lang": { "en-us": { "role": { "label": "Measure Name", "terseLabel": "Name" } } }, "auth_ref": ["r1161"] }, "us-gaap_MeasurementInputTypeAxis": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "MeasurementInputTypeAxis", "presentation": [
"http://www.alcoa.com/20240630/taxonomy/role_DisclosureDerivativesAndOtherFinancialInstrumentsScheduleOfQuantitativeInformationForLevel3DerivativeContractsDeta l], "lang": { "en-us": { "role": { "terseLabel": "Measurement Input Type", "label": "Measurement Input Type [Axis]", "documentation": "Information by type of measurement input used to determine value of asset and liability." } } }, "auth_ref": ["r681", "r602", "r683", "r1073"] }, "us-gaap_MeasurementInputTypeDomain": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "MeasurementInputTypeDomain", "presentation": [
"http://www.alcoa.com/20240630/taxonomy/role_DisclosureDerivativesAndOtherFinancialInstrumentsScheduleOfQuantitativeInformationForLevel3DerivativeContractsDeta l], "lang": { "en-us": { "role": { "terseLabel": "Measurement Input Type", "label": "Measurement Input Type [Domain]", "documentation": "Measurement input used to determine value of asset and liability." } } }, "auth_ref": ["r681", "r682", "r683", "r1073"] }, "aa_MidwestAluminumPremium": { "xbrltype": "perUnitItemType", "nsuri": "http://www.alcoa.com/20240630", "localname": "MidwestAluminumPremium", "presentation": [
"http://www.alcoa.com/20240630/taxonomy/role_DisclosureDerivativesAndOtherFinancialInstrumentsScheduleOfQuantitativeInformationForLevel3DerivativeContractsDeta l], "lang": { "en-us": { "role": { "terseLabel": "Midwest aluminum premium", "label": "Midwest Aluminum Premium", "documentation": "Midwest aluminum premium." } } }, "auth_ref": [] }, "aa_MineAreasMember": { "xbrltype": "domainItemType", "nsuri": "http://www.alcoa.com/20240630", "localname": "MineAreasMember", "presentation": [
"http://www.alcoa.com/20240630/taxonomy/role/DisclosureAssetRetirementObligationsAdditionalInformationDetail"], "lang": { "en-us": { "role": { "terseLabel": "Mine Areas [Member]", "label": "Mine Areas [Member]", "documentation": "Mine areas." } } }, "auth_ref": [] }, "aa_MineracaoRioDoNorteSAMember": { "xbrltype": "domainItemType", "nsuri": "http://www.alcoa.com/20240630", "localname": "MineracaoRioDoNorteSAMember", "presentation": [
"http://www.alcoa.com/20240630/taxonomy/role_DisclosureInvestmentsAdditionalInformationDetail"], "lang": { "en-us": { "role": { "terseLabel": "Mineracao Rio do Norte S.A [Member]", "label": "Mineracao Rio Do Norte S A [Member]", "documentation": "Mineracao Rio Do Norte S.A." } } }, "auth_ref": [] }, "srt_MinimumMember": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/srt/2024", "localname": "MinimumMember", "presentation": [
"http://www.alcoa.com/20240630/taxonomy/role/DisclosureAcquisitionsAndDivestituresAdditionalInformationDetail",
"http://www.alcoa.com/20240630/taxonomy/role/DisclosureContingenciesAdditionalInformation1Detail",
"http://www.alcoa.com/20240630/taxonomy/role/DisclosureContingenciesAdditionalInformationDetail",
"http://www.alcoa.com/20240630/taxonomy/role/DisclosureDebtAdditionalInformationDetail",
"http://www.alcoa.com/20240630/taxonomy/role/DisclosureReceivablesAdditionalInformationDetail",
"http://www.alcoa.com/20240630/taxonomy/role/DisclosureSupplierFinanceProgramsAdditionalInformationDetail",
"http://www.alcoa.com/20240630/taxonomy/role_DisclosureDerivativesAndOtherFinancialInstrumentsAdditionalInformationDetail",
"http://www.alcoa.com/20240630/taxonomy/role_DisclosureDerivativesAndOtherFinancialInstrumentsScheduleOfQuantitativeInformationForLevel3DerivativeContractsDeta l], "lang": { "en-us": { "role": { "terseLabel": "Minimum [Member]", "label": "Minimum [Member]" } } }, "auth_ref": ["r432", "r433", "r435", "r436", "r567", "r602", "r683", "r770", "r863", "r865", "r877", "r908", "r909", "r962", "r964", "r966", "r967", "r984", "r1004", "r1005", "r1030", "r1045", "r1063", "r1074", "r1096", "r1304", "r1405", "r1406", "r1407", "r1408", "r1409", "r1410"] }, "aa_MinimumRequiredCashContributionToPensionPlan": { "xbrltype": "monetaryItemType", "nsuri": "http://www.alcoa.com/20240630", "localname": "MinimumRequiredCashContributionToPensionPlan", "crdr": "debit", "presentation": [
"http://www.alcoa.com/20240630/taxonomy/role_DisclosurePensionAndOtherPostretirementBenefitsAdditionalInformationDetail"], "lang": { "en-us": { "role": { "terseLabel": "Minimum required cash contribution to pension plans", "label": "Minimum Required Cash Contribution To Pension Plan", "documentation": "Minimum required cash contribution to pension plan." } } }, "auth_ref": [] }, "aa_MiningMember": { "xbrltype": "domainItemType", "nsuri": "http://www.alcoa.com/20240630", "localname": "MiningMember", "presentation": [
"http://www.alcoa.com/20240630/taxonomy/role_DisclosureInvestmentsSummaryOfUnauditedFinancialInformationForAlcoaCorporationSEquityInvestmentsDetail"], "lang": { "en-us": { "role": { "terseLabel": "Mining [Member]", "label": "Mining [Member]", "documentation": "Mining." } } }, "auth_ref": [] }, "us-gaap_MinorityInterest": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "MinorityInterest", "crdr": "credit", "presentation": [
"http://www.alcoa.com/20240630/taxonomy/role_StatementConsolidatedBalanceSheetUnaudited"], "lang": { "en-us": { "role": { "periodEndLabel": "Stockholders' Equity Attributable to Noncontrolling Interest, Ending Balance", "periodStartLabel": "Stockholders' Equity Attributable to Noncontrolling Interest, Beginning Balance", "totalLabel": "Stockholders' Equity Attributable to Noncontrolling Interest, Total", "terseLabel": "Noncontrolling interest", "label": "Equity, Attributable to Noncontrolling Interest", "documentation": "Amount of equity (deficit) attributable to noncontrolling interest. Excludes temporary equity." } } }, "auth_ref": ["r113", "r161", "r236", "r359", "r440", "r443", "r444", "r445", "r449", "r450", "r706", "r828", "r920"] }, "us-gaap_MinorityInterestDecreaseFromDistributionsToNoncontrollingInterestHolders": { "xbrltype":

"monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "MinorityInterestDecreaseFromDistributionsToNoncontrollingInterestHolders", "crdr": "debit", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/Role_StatementStatementOfChangesInConsolidatedEquityUnaudited"], "lang": { "en-us": { "role": { "negatedLabel": "Distributions", "label": "Noncontrolling Interest, Decrease from Distributions to Noncontrolling Interest Holders", "documentation": "Decrease in noncontrolling interest balance from payment of dividends or other distributions by the non-wholly owned subsidiary or partially owned entity, included in the consolidation of the parent entity, to the noncontrolling interest holders." } } }, "auth_ref": ["r147"] },
"aa_MinorityInterestIncreaseDecreaseFromCapitalContributionFromNoncontrollingInterestHolders": { "xbrltype": "monetaryItemType", "nsuri": "http://www.alcoa.com/20240630", "localname": "MinorityInterestIncreaseDecreaseFromCapitalContributionFromNoncontrollingInterestHolders", "crdr": "credit", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/Role_StatementStatementOfChangesInConsolidatedEquityUnaudited"], "lang": { "en-us": { "role": { "terseLabel": "Contributions", "label": "Minority Interest Increase Decrease From Capital Contribution From Noncontrolling Interest Holders", "documentation": "The minority interest increase decrease from capital contribution from noncontrolling interest holders." } } }, "auth_ref": [] }, "us-gaap_MinorityInterestOwnershipPercentageByNoncontrollingOwners": { "xbrltype": "percentItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "MinorityInterestOwnershipPercentageByNoncontrollingOwners", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/DisclosureAcquisitionsAndDivestituresAdditionalInformationDetail", "http://www.alcoa.com/20240630/taxonomy/role/DisclosureContingenciesAdditionalInformation1Detail", "http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureBasisOfPresentationAdditionalInformationDetail", "http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureInvestmentsAdditionalInformationDetail"], "lang": { "en-us": { "role": { "terseLabel": "Non-controlling interest, ownership percentage", "label": "Subsidiary, Ownership Percentage, Noncontrolling Owner", "documentation": "The equity interest of noncontrolling shareholders, partners or other equity holders in consolidated entity." } } }, "auth_ref": [] }, "us-gaap_MinorityInterestOwnershipPercentageByParent": { "xbrltype": "percentItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "MinorityInterestOwnershipPercentageByParent", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/DisclosureAcquisitionsAndDivestituresAdditionalInformationDetail", "http://www.alcoa.com/20240630/taxonomy/role/DisclosureContingenciesAdditionalInformation1Detail", "http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureBasisOfPresentationAdditionalInformationDetail"], "lang": { "en-us": { "role": { "terseLabel": "Ownership interest percentage", "label": "Subsidiary, Ownership Percentage, Parent", "documentation": "The parent entity's interest in net assets of the subsidiary, expressed as a percentage." } } }, "auth_ref": [] }, "ecd_MnpiDiscTimedForCompValFlag": { "xbrltype": "booleanItemType", "nsuri": "http://xbrl.sec.gov/ecd/2024", "localname": "MnpiDiscTimedForCompValFlag", "presentation": ["http://xbrl.sec.gov/ecd/role/AwardTimingDisclosure"], "lang": { "en-us": { "role": { "label": "MNPI Disclosure Timed for Compensation Value [Flag]", "terseLabel": "MNPI Disclosure Timed for Compensation Value" } } }, "auth_ref": ["r1180"] }, "ecd_MtrlTermsOfTrdArrTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://xbrl.sec.gov/ecd/2024", "localname": "MtrlTermsOfTrdArrTextBlock", "presentation": ["http://xbrl.sec.gov/ecd/role/InsiderTradingArrangements"], "lang": { "en-us": { "role": { "label": "Material Terms of Trading Arrangement [Text Block]", "terseLabel": "Material Terms of Trading Arrangement" } } }, "auth_ref": ["r1188"] }, "country_NO": { "xbrltype": "domainItemType", "nsuri": "http://xbrl.sec.gov/country/2024", "localname": "NO", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/DisclosureDerivativesAndOtherFinancialInstrumentsAdditionalInformationDetail"], "lang": { "en-us": { "role": { "verboseLabel": "Norway [Member]", "terseLabel": "Euro Power Purchases, Norway [Member]", "label": "NORWAY" } } }, "auth_ref": [] }, "currency_NOK": { "xbrltype": "domainItemType", "nsuri": "http://xbrl.sec.gov/currency/2024", "localname": "NOK", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureDerivativesAndOtherFinancialInstrumentsAdditionalInformationDetail"], "lang": { "en-us": { "role": { "terseLabel": "Krone Capital Expenditures [Member]", "label": "Norway, Krone" } } }, "auth_ref": [] }, "ecd_NamedExecutiveOfficersFnTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://xbrl.sec.gov/ecd/2024", "localname": "NamedExecutiveOfficersFnTextBlock", "presentation": ["http://xbrl.sec.gov/ecd/role/PvpDisclosure"], "lang": { "en-us": { "role": { "label": "Named Executive Officers, Footnote [Text Block]", "terseLabel": "Named Executive Officers, Footnote" } } }, "auth_ref": ["r1162"] }, "us-gaap_NetCashProvidedByUsedInFinancingActivities": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "NetCashProvidedByUsedInFinancingActivities", "crdr": "debit", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/StatementStatementOfConsolidatedCashFlowsUnaudited"], "lang": { "en-us": { "role": { "totalLabel": "CASH PROVIDED FROM FINANCING ACTIVITIES", "label": "Net Cash Provided by (Used in) Financing Activities", "documentation": "Amount of cash inflow (outflow) from financing activities, including discontinued operations. Financing activity cash flows include obtaining resources from owners and providing them with a return on, and a return of, their investment; borrowing money and repaying amounts borrowed, or settling the obligation; and obtaining and paying for other resources obtained from creditors on long-term credit." } } }, "auth_ref": ["r232"] }, "us-gaap_NetCashProvidedByUsedInFinancingActivitiesAbstract": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "NetCashProvidedByUsedInFinancingActivitiesAbstract", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/StatementStatementOfConsolidatedCashFlowsUnaudited"], "lang": { "en-us": { "role": { "terseLabel": "FINANCING ACTIVITIES", "label": "Net Cash Provided by (Used in) Financing Activities [Abstract]" } } }, "auth_ref": [] }, "us-gaap_NetCashProvidedByUsedInInvestingActivities": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "NetCashProvidedByUsedInInvestingActivities", "crdr": "debit", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/StatementStatementOfConsolidatedCashFlowsUnaudited"], "lang": { "en-us": { "role": { "totalLabel": "CASH USED FOR INVESTING ACTIVITIES", "label": "Net Cash Provided by (Used in) Investing Activities", "documentation": "Amount of cash inflow (outflow) from investing activities, including discontinued operations. Investing activity cash flows include making and collecting loans and acquiring and disposing of debt or equity instruments and property, plant, and equipment and other productive assets." } } }, "auth_ref": ["r232"] }, "us-gaap_NetCashProvidedByUsedInInvestingActivitiesAbstract": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "NetCashProvidedByUsedInInvestingActivitiesAbstract", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/StatementStatementOfConsolidatedCashFlowsUnaudited"], "lang": { "en-us": { "role": { "terseLabel": "INVESTING ACTIVITIES", "label": "Net Cash Provided by (Used in) Investing Activities [Abstract]" } } }, "auth_ref": [] }, "us-gaap_NetCashProvidedByUsedInOperatingActivities": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "NetCashProvidedByUsedInOperatingActivities", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/StatementStatementOfConsolidatedCashFlowsUnaudited"], "lang": { "en-us": { "role": { "totalLabel": "CASH PROVIDED FROM (USED FOR) OPERATIONS", "label": "Net Cash Provided by (Used in) Operating Activities", "documentation": "Amount of cash inflow (outflow) from operating activities, including discontinued operations. Operating activity cash flows include transactions, adjustments, and changes in value not defined as investing or financing activities." } } }, "auth_ref": ["r134", "r135", "r136"] }, "us-gaap_NetCashProvidedByUsedInOperatingActivitiesAbstract": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "NetCashProvidedByUsedInOperatingActivitiesAbstract", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/StatementStatementOfConsolidatedCashFlowsUnaudited"], "lang": { "en-us": { "role": { "terseLabel": "CASH FROM OPERATIONS", "label": "Net Cash Provided by (Used in) Operating Activities [Abstract]" } } }, "auth_ref": [] }, "aa_NetEffectOfTaxWithholdingShareBasedCompensationArrangementAndStockOptionsExercised": { "xbrltype": "monetaryItemType", "nsuri": "http://www.alcoa.com/20240630", "localname": "NetEffectOfTaxWithholdingShareBasedCompensationArrangementAndStockOptionsExercised", "crdr": "credit", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/Role_StatementStatementOfChangesInConsolidatedEquityUnaudited"], "lang": { "en-us": { "role": { "terseLabel": "Net effect of tax withholding for compensation plans and exercise of stock options", "label": "Net Effect Of Tax Withholding, Share Based Compensation Arrangement and Stock Options Exercised", "documentation": "Net Effect Of Tax Withholding, Share Based Compensation Arrangement and Stock Options Exercised" } } }, "auth_ref": [] }, "us-gaap_NetIncomeLoss": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "NetIncomeLoss", "crdr": "credit", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/DisclosureSegmentInformationScheduleOfSegmentAdjustedEbitdaToConsolidatedNetIncomeLossAttributableToAlcoaCorporatio" "http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureEarningsPerShareScheduleOfComputationOfBasicAndDilutedEPSAttributableToAlcoaCorporationCommonShare "http://www.alcoa.com/20240630/taxonomy/role/Role_StatementStatementOfConsolidatedComprehensiveIncomeUnaudited", "http://www.alcoa.com/20240630/taxonomy/role/StatementStatementOfConsolidatedOperationsUnaudited1", "http://xbrl.sec.gov/ecd/role/PvpDisclosure"], "lang": { "en-us": { "role": { "label": "Net Income (Loss)", "terseLabel": "Net Income (Loss)", "totalLabel": "NET INCOME (LOSS) ATTRIBUTABLE TO ALCOA CORPORATION", "documentation": "The portion of profit or loss for the period, net of income taxes, which is attributable to the parent." } } }, "auth_ref": ["r125", "r136", "r165", "r188", "r214", "r217", "r221", "r236", "r244", "r248", "r249", "r250", "r251", "r252", "r255", "r256", "r268", "r359", "r440", "r441", "r443", "r444", "r445", "r446", "r447", "r449", "r450", "r636", "r645", "r677", "r706", "r837", "r938", "r956", "r957", "r1110", "r1300"] }, "us-gaap_NetIncomeLossAttributableToNoncontrollingInterest": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "NetIncomeLossAttributableToNoncontrollingInterest", "crdr": "debit", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/DisclosureSegmentInformationScheduleOfSegmentAdjustedEbitdaToConsolidatedNetIncomeLossAttributableToAlcoaCorporatio "http://www.alcoa.com/20240630/taxonomy/role/Role_StatementStatementOfConsolidatedComprehensiveIncomeUnaudited", "http://www.alcoa.com/20240630/taxonomy/role/StatementStatementOfConsolidatedOperationsUnaudited1"], "lang": { "en-us": { "role": { "terseLabel": "Less: Net income (loss) attributable to noncontrolling interest", "verboseLabel": "Net income (loss), Noncontrolling interest", "negatedLabel": "Net (income) loss attributable to noncontrolling interest", "totalLabel": "Net Income (Loss) Attributable to Noncontrolling Interest, Total", "label": "Net Income (Loss) Attributable to Noncontrolling Interest", "documentation": "Amount of Net Income (Loss) attributable to noncontrolling interest." } } }, "auth_ref": ["r72", "r153", "r214", "r217", "r252", "r255", "r256", "r836", "r1230"] }, "us-gaap_NewAccountingPronouncementOrChangeInAccountingPrincipleDescription": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "NewAccountingPronouncementOrChangeInAccountingPrincipleDescription", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/DisclosureRecentlyAdoptedAndRecentlyIssuedAccountingGuidanceAdditionalInformationDetails"], "lang": { "en-us": { "role": { "label": "New Accounting Pronouncement or Change in Accounting Principle, Description", "documentation": "Disclosure related to a new accounting pronouncement or a change in accounting principle, including the nature and reason for the change and the effect of the change on prior periods and the current period." } } }, "auth_ref": ["r39", "r42", "r43", "r138", "r242", "r259", "r645"] }, "us-gaap_NewAccountingPronouncementsAndChangesInAccountingPrinciplesAbstract": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "NewAccountingPronouncementsAndChangesInAccountingPrinciplesAbstract", "lang": { "en-us": { "role": { "label": "Accounting Standards Update and Change in Accounting Principle [Abstract]" } } }, "auth_ref": [] }, "us-gaap_NewAccountingPronouncementsAndChangesInAccountingPrinciplesTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "NewAccountingPronouncementsAndChangesInAccountingPrinciplesTextBlock", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureRecentlyAdoptedAndRecentlyIssuedAccountingGuidance"], "lang": { "en-us": { "role": { "terseLabel": "Recently Adopted and Recently Issued Accounting Guidance", "label": "Accounting Standards Update and Change in Accounting Principle [Text Block]", "documentation": "The entire disclosure for change in accounting principle. Includes, but is not limited to, nature, reason, and method of adopting amendment to accounting standards or other change in accounting principle." } } }, "auth_ref": ["r180", "r185", "r242", "r243", "r246", "r247", "r258", "r259", "r316", "r365", "r366", "r634", "r635", "r637", "r645", "r667", "r674", "r728", "r731", "r732", "r774", "r775", "r776", "r872", "r873", "r874", "r875", "r876"] }, "ecd_NonGaapMeasureDescriptionTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://xbrl.sec.gov/ecd/2024", "localname": "NonGaapMeasureDescriptionTextBlock", "presentation": ["http://xbrl.sec.gov/ecd/role/PvpDisclosure"], "lang": { "en-us": { "role": { "label": "Non-GAAP Measure Description [Text Block]", "terseLabel": "Non-GAAP Measure Description" } } }, "auth_ref": ["r1161"] }, "ecd_NonNeosMember": { "xbrltype": "domainItemType", "nsuri": "http://xbrl.sec.gov/ecd/2024", "localname": "NonNeosMember", "presentation": ["http://xbrl.sec.gov/ecd/role/ErrCompDisclosure"], "lang": { "en-us": { "role": { "label": "Non-NEOs [Member]", "terseLabel": "Non-NEOs" } } }, "auth_ref": ["r1125", "r1135", "r1145", "r1169", "r1177"] }, "ecd_NonPeoNeoAvgCompActuallyPaidAmt": { "xbrltype": "monetaryItemType", "nsuri": "http://xbrl.sec.gov/ecd/2024", "localname": "NonPeoNeoAvgCompActuallyPaidAmt", "presentation": ["http://xbrl.sec.gov/ecd/role/PvpDisclosure"], "lang": { "en-us": { "role": { "label": "Non-PEO NEO Average Compensation Actually Paid Amount", "terseLabel": "Non-PEO NEO Average Compensation Actually Paid Amount" } } }, "auth_ref": ["r1152"] }, "ecd_NonPeoNeoAvgTotalCompAmt": { "xbrltype": "monetaryItemType", "nsuri": "http://xbrl.sec.gov/ecd/2024", "localname": "NonPeoNeoAvgTotalCompAmt", "presentation": ["http://xbrl.sec.gov/ecd/role/PvpDisclosure"], "lang": { "en-us": { "role": { "label": "Non-PEO NEO Average Total Compensation Amount", "terseLabel": "Non-PEO NEO Average Total Compensation Amount" } } }, "auth_ref": ["r1151"] }, "ecd_NonPeoNeoMember": { "xbrltype": "domainItemType", "nsuri": "http://xbrl.sec.gov/ecd/2024", "localname": "NonPeoNeoMember", "presentation": ["http://xbrl.sec.gov/ecd/role/PvpDisclosure"], "lang": { "en-us": { "role": { "label": "Non-PEO NEO [Member]", "terseLabel": "Non-PEO NEO" } } }, "auth_ref": ["r1169"] }, "ecd_NonRule10b51ArrAdoptedFlag": { "xbrltype": "booleanItemType", "nsuri": "http://xbrl.sec.gov/ecd/2024", "localname": "NonRule10b51ArrAdoptedFlag", "presentation": ["http://xbrl.sec.gov/ecd/role/InsiderTradingArrangements"], "lang": { "en-us": { "role": { "label": "Non-Rule 10b5-1 Arrangement Adopted [Flag]", "terseLabel": "Non-Rule 10b5-1 Arrangement Adopted" } } }, "auth_ref": ["r1188"] }, "ecd_NonRule10b51ArrTrmntdFlag": { "xbrltype": "booleanItemType", "nsuri": "http://xbrl.sec.gov/ecd/2024", "localname": "NonRule10b51ArrTrmntdFlag", "presentation": [

"http://xbrl.sec.gov/ecd/role/InsiderTradingArrangements"], "lang": { "en-us": { "role": { "label": "Non-Rule 10b5-1 Arrangement Terminated [Flag]", "terseLabel": "Non-Rule 10b5-1 Arrangement Terminated" } } }, "auth_ref": ["r1188"] }, "aa_NoncontrollingAndEquityInterestMember": { "xbrltype": "domainItemType", "nsuri": "http://www.alcoa.com/20240630", "localname": "NoncontrollingAndEquityInterestMember", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureDerivativesAndOtherFinancialInstrumentsScheduleOfDetailForLevel1And3DerivativesDetail"], "lang": { "en-us": { "role": { "terseLabel": "Non-controlling and Equity Interest [Member]", "label": "Noncontrolling And Equity Interest [Member]", "documentation": "Noncontrolling and equity interest." } } }, "auth_ref": [] }, "us-gaap_NoncontrollingInterestMember": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "NoncontrollingInterestMember", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureAccumulatedOtherComprehensiveLossSummaryOfChangesInAccumulatedOtherComprehensiveLossIncomeByCo", "http://www.alcoa.com/20240630/taxonomy/role/Role_StatementStatementOfChangesInConsolidatedEquityUnaudited"], "lang": { "en-us": { "role": { "terseLabel": "Non-controlling Interest [Member]", "label": "Noncontrolling Interest [Member]", "documentation": "This element represents that portion of equity (net assets) in a subsidiary not attributable, directly or indirectly, to the parent. A noncontrolling interest is sometimes called a minority interest." } } }, "auth_ref": ["r67", "r484", "r1242", "r1243", "r1244", "r1246", "r1454"] }, "aa_NoncurrentLiabilitiesMember": { "xbrltype": "domainItemType", "nsuri": "http://www.alcoa.com/20240630", "localname": "NoncurrentLiabilitiesMember", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureDerivativesAndOtherFinancialInstrumentsScheduleOfFairValuesOfLevel3DerivativeInstrumentsRecordedAsAsse], "lang": { "en-us": { "role": { "terseLabel": "Fair Value of Derivative Contracts - Noncurrent [Member]", "label": "Noncurrent Liabilities [Member]", "documentation": "Noncurrent liabilities." } } }, "auth_ref": [] }, "us-gaap_NondesignatedMember": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "NondesignatedMember", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureDerivativesAndOtherFinancialInstrumentsAdditionalInformationDetail", "http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureDerivativesAndOtherFinancialInstrumentsScheduleOfFairValuesOfLevel3DerivativeInstrumentsRecordedAsAsse], "lang": { "en-us": { "role": { "terseLabel": "Derivatives Not Designated as Hedging Instruments [Member]", "label": "Not Designated as Hedging Instrument [Member]", "documentation": "Derivative instrument not designated as hedging instrument under Generally Accepted Accounting Principles (GAAP)." } } }, "auth_ref": ["r21"] }, "us-gaap_NonoperatingIncomeExpense": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "NonoperatingIncomeExpense", "crdr": "credit", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/DisclosureOtherFinancialInformationScheduleOfOtherExpensesNetDetail", "http://www.alcoa.com/20240630/taxonomy/role/DisclosureSegmentInformationScheduleOfSegmentAdjustedEbitdaToConsolidatedNetIncomeLossAttributableToAlcoaCorporatio "http://www.alcoa.com/20240630/taxonomy/role/StatementStatementOfConsolidatedOperationsUnaudited1"], "lang": { "en-us": { "role": { "negatedLabel": "Other (income) expenses, net (P)", "terseLabel": "Other income (expenses), net (P)", "negatedTotalLabel": "Other expenses, net", "totalLabel": "Nonoperating Income (Expense), Total", "label": "Nonoperating Income (Expense)", "documentation": "The aggregate amount of income or expense from ancillary business-related activities (that is to say, excluding major activities considered part of the normal operations of the business)." } } }, "auth_ref": ["r127"] }, "us-gaap_NonoperatingIncomeExpenseMember": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "NonoperatingIncomeExpenseMember", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureDerivativesAndOtherFinancialInstrumentsScheduleOfReconciliationOfActivityForDerivativeContractsDetail"], "lang": { "en-us": { "role": { "label": "Nonoperating Income (Expense) [Member]", "terseLabel": "Other Expenses, Net [Member]", "documentation": "Primary financial statement caption encompassing nonoperating income (expense)." } } }, "auth_ref": [] }, "aa_NonvotingConvertiblePreferredStockMember": { "xbrltype": "domainItemType", "nsuri": "http://www.alcoa.com/20240630", "localname": "NonvotingConvertiblePreferredStockMember", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/DisclosureAcquisitionsAndDivestituresAdditionalInformationDetail"], "lang": { "en-us": { "role": { "terseLabel": "New Alcoa Preferred Stock [Member]", "label": "Nonvoting Convertible Preferred Stock [Member]", "documentation": "Nonvoting convertible preferred stock." } } }, "auth_ref": [] }, "aa_NoticesIncludeClaimsForCompoundedInterestOnTheTaxAmount": { "xbrltype": "monetaryItemType", "nsuri": "http://www.alcoa.com/20240630", "localname": "NoticesIncludeClaimsForCompoundedInterestOnTheTaxAmount", "crdr": "credit", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/DisclosureContingenciesAdditionalInformation1Detail"], "lang": { "en-us": { "role": { "terseLabel": "Notices include claims for compounded interest on the tax amount", "label": "Notices Include Claims For Compounded Interest On The Tax Amount", "documentation": "Notices include claims for compounded interest on the tax amount." } } }, "auth_ref": [] }, "aa_NumberOfFinancialContracts": { "xbrltype": "integerItemType", "nsuri": "http://www.alcoa.com/20240630", "localname": "NumberOfFinancialContracts", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureDerivativesAndOtherFinancialInstrumentsAdditionalInformationDetail"], "lang": { "en-us": { "role": { "terseLabel": "Number of financial contracts", "label": "Number Of Financial Contracts", "documentation": "Number of financial contracts." } } }, "auth_ref": [] }, "aa_NumberOfRemediationProjects": { "xbrltype": "integerItemType", "nsuri": "http://www.alcoa.com/20240630", "localname": "NumberOfRemediationProjects", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/DisclosureContingenciesAdditionalInformationDetail"], "lang": { "en-us": { "role": { "terseLabel": "Number of remediation projects", "label": "Number Of Remediation Projects", "documentation": "Number of remediation projects." } } }, "auth_ref": [] }, "us-gaap_OffsettingAbstract": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "OffsettingAbstract", "lang": { "en-us": { "role": { "label": "Offsetting [Abstract]" }, "auth_ref": [] }, "aa_OngoingRemediationWorkMember": { "xbrltype": "domainItemType", "nsuri": "http://www.alcoa.com/20240630", "localname": "OngoingRemediationWorkMember", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/DisclosureContingenciesAdditionalInformationDetail"], "lang": { "en-us": { "role": { "documentation": "Ongoing remediation work.", "label": "Ongoing Remediation Work [Member]", "terseLabel": "Ongoing Remediation Work [Member]" } } }, "auth_ref": [] }, "us-gaap_OperatingSegmentsMember": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "OperatingSegmentsMember", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureRestructuringAndOtherChargesNetScheduleOfRestructuringAndOtherChargesNetByReportableSegmentsPretax "http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureSegmentInformationScheduleOfOperatingResultsOfAlcoaSReportableSegmentsDetail"], "lang": { "en-us": { "role": { "terseLabel": "Operating Segments [Member]", "label": "Operating Segments [Member]", "documentation": "Identifies components of an entity that engage in business activities from which they may earn revenue and incur expenses, including transactions with other components of the same entity." } } }, "auth_ref": ["r301", "r302", "r303", "r304", "r305", "r308", "r1025", "r1026"] }, "us-gaap_OrganizationConsolidationAndPresentationOfFinancialStatementsAbstract": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "OrganizationConsolidationAndPresentationOfFinancialStatementsAbstract", "lang": { "en-us": { "role": { "label": "Organization, Consolidation and Presentation of Financial Statements [Abstract]" } } }, "auth_ref": [] }, "us-gaap_OtherAssetsCurrent": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "OtherAssetsCurrent", "crdr": "debit", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/DisclosureDebtAdditionalInformationDetail"], "lang": { "en-us": { "role": { "terseLabel": "Other current assets", "label": "Other Assets, Current", "documentation": "Amount of current assets classified as other." } } }, "auth_ref": ["r202", "r1081"] }, "us-gaap_OtherAssetsMiscellaneousNoncurrent": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "OtherAssetsMiscellaneousNoncurrent", "crdr": "debit", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/DisclosureOtherFinancialInformationScheduleOfOtherNoncurrentAssetsDetail"], "lang": { "en-us": { "role": { "terseLabel": "Other", "label": "Other Assets, Miscellaneous, Noncurrent", "documentation": "Amount of other miscellaneous assets expected to be realized or consumed after one year or normal operating cycle, if longer." } } }, "auth_ref": [] }, "us-gaap_OtherAssetsNoncurrent": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "OtherAssetsNoncurrent", "crdr": "debit", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/DisclosureOtherFinancialInformationScheduleOfOtherNoncurrentAssetsDetail", "http://www.alcoa.com/20240630/taxonomy/role/Role_StatementConsolidatedBalanceSheetUnaudited"], "lang": { "en-us": { "role": { "totalLabel": "Other assets, noncurrent, total", "terseLabel": "Other noncurrent assets", "label": "Other Assets, Noncurrent", "documentation": "Amount of noncurrent assets classified as other." } } }, "auth_ref": ["r195"] }, "us-gaap_OtherComprehensiveIncomeDefinedBenefitPlansAdjustmentNetOfTaxPortionAttributableToNoncontrollingInterest": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "OtherComprehensiveIncomeDefinedBenefitPlansAdjustmentNetOfTaxPortionAttributableToNoncontrollingInterest", "crdr": "credit", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/Role_StatementStatementOfConsolidatedComprehensiveIncomeUnaudited"], "lang": { "en-us": { "role": { "terseLabel": "Change in unrecognized net actuarial gain/loss and prior service cost/benefit related to pension and other postretirement benefits, Noncontrolling interest", "label": "Other Comprehensive (Income) Loss, Defined Benefit Plan, after Tax and Reclassification Adjustment, Attributable to Noncontrolling Interest", "documentation": "Amount, after tax and reclassification adjustment, of (increase) decrease in accumulated other comprehensive income for defined benefit plan, attributable to noncontrolling interest." } } }, "auth_ref": ["r5", "r6", "r19", "r120", "r121", "r152"] }, "us-gaap_OtherComprehensiveIncomeDefinedBenefitPlansAdjustmentNetOfTaxPortionAttributableToParent": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "OtherComprehensiveIncomeDefinedBenefitPlansAdjustmentNetOfTaxPortionAttributableToParent", "crdr": "debit", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/Role_StatementStatementOfConsolidatedComprehensiveIncomeUnaudited"], "lang": { "en-us": { "role": { "totalLabel": "Change in unrecognized net actuarial gain/loss and prior service cost/benefit related to pension and other postretirement benefits, Alcoa Corporation", "label": "Other Comprehensive (Income) Loss, Defined Benefit Plan, after Tax and Reclassification Adjustment, Attributable to Parent", "documentation": "Amount, after tax and reclassification adjustment, of (increase) decrease in accumulated other comprehensive income for defined benefit plan, attributable to parent." } } }, "auth_ref": ["r5", "r6", "r19", "r120", "r121", "r152"] }, "us-gaap_OtherComprehensiveIncomeForeignCurrencyTransactionAndTranslationAdjustmentNetOfTaxPortionAttributableToNoncontrollingInterest": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "OtherComprehensiveIncomeForeignCurrencyTransactionAndTranslationAdjustmentNetOfTaxPortionAttributableToNoncontrollingInterest", "crdr": "debit", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/Role_StatementStatementOfConsolidatedComprehensiveIncomeUnaudited"], "lang": { "en-us": { "role": { "terseLabel": "Foreign currency translation adjustments, Noncontrolling interest", "label": "Other Comprehensive Income (Loss), Foreign Currency Transaction and Translation Adjustment, Net of Tax, Portion Attributable to Noncontrolling Interest", "documentation": "Amount after tax and reclassification adjustments of gain (loss) on foreign currency translation adjustments, foreign currency transactions designated and effective as economic hedges of a net investment in a foreign entity and intra-entity foreign currency transactions that are of a long-term-investment nature, attributable to noncontrolling interests." } } }, "auth_ref": ["r12", "r19", "r152"] }, "us-gaap_OtherComprehensiveIncomeForeignCurrencyTransactionAndTranslationAdjustmentNetOfTaxPortionAttributableToParent": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "OtherComprehensiveIncomeForeignCurrencyTransactionAndTranslationAdjustmentNetOfTaxPortionAttributableToParent", "crdr": "credit", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/Role_StatementStatementOfConsolidatedComprehensiveIncomeUnaudited"], "lang": { "en-us": { "role": { "totalLabel": "Foreign currency translation adjustments, Alcoa Corporation", "label": "Other Comprehensive Income (Loss), Foreign Currency Transaction and Translation Adjustment, Net of Tax, Portion Attributable to Parent", "documentation": "Amount after tax and reclassification adjustments of gain (loss) on foreign currency translation adjustments, foreign currency transactions designated and effective as economic hedges of a net investment in a foreign entity and intra-entity foreign currency transactions that are of a long-term-investment nature, attributable to parent entity." } } }, "auth_ref": ["r12", "r19", "r152"] }, "us-gaap_OtherComprehensiveIncomeLossCashFlowHedgeGainLossAfterReclassificationAndTax": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "OtherComprehensiveIncomeLossCashFlowHedgeGainLossAfterReclassificationAndTax", "crdr": "credit", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/Role_StatementStatementOfConsolidatedComprehensiveIncomeUnaudited"], "lang": { "en-us": { "role": { "totalLabel": "Other Comprehensive Income (Loss), Cash Flow Hedge, Gain (Loss), after Reclassification and Tax, Total", "terseLabel": "Net change in unrecognized gains/losses on cash flow hedges", "label": "Other Comprehensive Income (Loss), Cash Flow Hedge, Gain (Loss), after Reclassification and Tax", "documentation": "Amount, after tax and reclassification, of gain (loss) from derivative instrument designated and qualifying as cash flow hedge included in assessment of hedge effectiveness." } } }, "auth_ref": ["r207", "r208", "r838"] }, "us-gaap_OtherComprehensiveIncomeLossCashFlowHedgeGainLossAfterReclassificationAndTaxNoncontrollingInterest": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "OtherComprehensiveIncomeLossCashFlowHedgeGainLossAfterReclassificationAndTaxNoncontrollingInterest", "crdr": "debit", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/Role_StatementStatementOfConsolidatedComprehensiveIncomeUnaudited"], "lang": { "en-us": { "role": { "terseLabel": "Net change in unrecognized gains/losses on cash flow hedges, Noncontrolling interest", "label": "Other Comprehensive Income (Loss), Cash Flow Hedge, Gain (Loss), after Reclassification and Tax, Noncontrolling Interest", "documentation": "Amount, after tax and reclassification, of gain (loss) from derivative instrument designated and qualifying as cash flow hedge included in assessment of hedge effectiveness, attributable to noncontrolling interest." } } }, "auth_ref": ["r208"] }, "us-gaap_OtherComprehensiveIncomeLossCashFlowHedgeGainLossAfterReclassificationAndTaxParent": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "OtherComprehensiveIncomeLossCashFlowHedgeGainLossAfterReclassificationAndTaxParent", "crdr": "credit", "presentation": [

"http://www.alcoa.com/20240630/taxonomy/role/Role_StatementStatementOfConsolidatedComprehensiveIncomeUnaudited"], "lang": { "en-us": { "role": { "totalLabel": "Net change in unrecognized gains/losses on cash flow hedges, Alcoa Corporation", "label": "Other Comprehensive Income (Loss), Cash Flow Hedge, Gain (Loss), after Reclassification and Tax, Parent", "documentation": "Amount, after tax and reclassification, of gain (loss) from derivative instrument designated and qualifying as cash flow hedge included in assessment of hedge effectiveness, attributable to parent." } }, "auth_ref": ["r208"] }, "us-gaap_OtherComprehensiveIncomeLossCashFlowHedgeGainLossAfterReclassificationTax": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "OtherComprehensiveIncomeLossCashFlowHedgeGainLossAfterReclassificationTax", "crdr": "debit", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureAccumulatedOtherComprehensiveLossSummaryOfChangesInAccumulatedOtherComprehensiveLossIncomeByCo], "lang": { "en-us": { "role": { "negatedTotalLabel": "Total Other comprehensive income (loss)", "totalLabel": "Other Comprehensive Income (Loss), Cash Flow Hedge, Gain (Loss), after Reclassification, Tax, Total", "label": "Other Comprehensive Income (Loss), Cash Flow Hedge, Gain (Loss), after Reclassification, Tax", "documentation": "Amount, after reclassification, of tax expense (benefit) for gain (loss) from derivative instrument designated and qualifying as cash flow hedge included in assessment of hedge effectiveness." } }, "auth_ref": ["r209"] }, "us-gaap_OtherComprehensiveIncomeLossCashFlowHedgeGainLossBeforeReclassificationAfterTax": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "OtherComprehensiveIncomeLossCashFlowHedgeGainLossBeforeReclassificationAfterTax", "crdr": "credit", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureAccumulatedOtherComprehensiveLossSummaryOfChangesInAccumulatedOtherComprehensiveLossIncomeByCo], "lang": { "en-us": { "role": { "totalLabel": "Total Other comprehensive income (loss) before reclassifications, net of tax", "label": "Other Comprehensive Income (Loss), Cash Flow Hedge, Gain (Loss), before Reclassification, after Tax", "documentation": "Amount, after tax and before reclassification, of gain (loss) from derivative instrument designated and qualifying as cash flow hedge included in assessment of hedge effectiveness." } }, "auth_ref": ["r207", "r208"] }, "us-gaap_OtherComprehensiveIncomeLossCashFlowHedgeGainLossBeforeReclassificationAndTax": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "OtherComprehensiveIncomeLossCashFlowHedgeGainLossBeforeReclassificationAndTax", "crdr": "credit", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureAccumulatedOtherComprehensiveLossSummaryOfChangesInAccumulatedOtherComprehensiveLossIncomeByCo "http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureDerivativesAndOtherFinancialInstrumentsScheduleOfDetailForLevel1And3DerivativesDetail"], "lang": { "en-us": { "role": { "verboseLabel": "Unrealized gain (loss) recognized in Other comprehensive loss", "terseLabel": "Net change from periodic revaluations", "label": "Other Comprehensive Income (Loss), Cash Flow Hedge, Gain (Loss), before Reclassification and Tax", "documentation": "Amount, before tax and reclassification, of gain (loss) from derivative instrument designated and qualifying cash flow hedge included in assessment of hedge effectiveness." } }, "auth_ref": ["r207", "r208", "r654", "r655", "r657"] }, "us-gaap_OtherComprehensiveIncomeLossCashFlowHedgeGainLossBeforeReclassificationTax": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "OtherComprehensiveIncomeLossCashFlowHedgeGainLossBeforeReclassificationTax", "crdr": "debit", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureAccumulatedOtherComprehensiveLossSummaryOfChangesInAccumulatedOtherComprehensiveLossIncomeByCo], "lang": { "en-us": { "role": { "negatedLabel": "Tax (expense) benefit", "label": "Other Comprehensive Income (Loss), Cash Flow Hedge, Gain (Loss), before Reclassification, Tax", "documentation": "Amount, before reclassification, of tax expense (benefit) for gain (loss) from derivative instrument designated and qualifying as cash flow hedge included in assessment of hedge effectiveness." } }, "auth_ref": ["r209"] }, "us-gaap_OtherComprehensiveIncomeLossCashFlowHedgeGainLossReclassificationAfterTax": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "OtherComprehensiveIncomeLossCashFlowHedgeGainLossReclassificationAfterTax", "crdr": "debit", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureAccumulatedOtherComprehensiveLossSummaryOfChangesInAccumulatedOtherComprehensiveLossIncomeByCo], "lang": { "en-us": { "role": { "negatedTotalLabel": "Total amount reclassified from Accumulated other comprehensive loss, net of tax", "label": "Other Comprehensive Income (Loss), Cash Flow Hedge, Gain (Loss), Reclassification, after Tax", "documentation": "Amount, after tax, of reclassification of gain (loss) from accumulated other comprehensive income (AOCI) for derivative instrument designated and qualifying as cash flow hedge included in assessment of hedge effectiveness." } }, "auth_ref": ["r208", "r212"] }, "us-gaap_OtherComprehensiveIncomeLossCashFlowHedgeGainLossReclassificationBeforeTax": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "OtherComprehensiveIncomeLossCashFlowHedgeGainLossReclassificationBeforeTax", "crdr": "debit", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/DisclosureAccumulatedOtherComprehensiveLossSummaryOfChangesInAccumulatedOtherComprehensiveLossIncomeByCompon "http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureAccumulatedOtherComprehensiveLossSummaryOfChangesInAccumulatedOtherComprehensiveLossIncomeByCo "http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureDerivativesAndOtherFinancialInstrumentsAdditionalInformationDetail", "http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureDerivativesAndOtherFinancialInstrumentsScheduleOfDetailForLevel1And3DerivativesDetail"], "lang": { "en-us": { "role": { "verboseLabel": "Realized gain (loss) reclassed from Other comprehensive loss to earnings", "negatedLabel": "Net amount reclassified to earnings", "label": "Other Comprehensive Income (Loss), Cash Flow Hedge, Gain (Loss), Reclassification, before Tax", "documentation": "Amount, before tax, of reclassification of gain (loss) from accumulated other comprehensive income (AOCI) for derivative instrument designated and qualifying as cash flow hedge included in assessment of hedge effectiveness." } }, "auth_ref": ["r175", "r208", "r212"] }, "us-gaap_OtherComprehensiveIncomeLossCashFlowHedgeGainLossReclassificationTax": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "OtherComprehensiveIncomeLossCashFlowHedgeGainLossReclassificationTax", "crdr": "credit", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureAccumulatedOtherComprehensiveLossSummaryOfChangesInAccumulatedOtherComprehensiveLossIncomeByCo], "lang": { "en-us": { "role": { "terseLabel": "Tax expense", "label": "Other Comprehensive Income (Loss), Cash Flow Hedge, Gain (Loss), Reclassification, Tax", "documentation": "Amount of tax expense (benefit) for reclassification of gain (loss) from accumulated other comprehensive income (AOCI) for derivative instrument designated and qualifying as cash flow hedge included in assessment of hedge effectiveness." } }, "auth_ref": ["r209"] }, "us-gaap_OtherComprehensiveIncomeLossForeignCurrencyTransactionAndTranslationAdjustmentNetOfTax": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "OtherComprehensiveIncomeLossForeignCurrencyTransactionAndTranslationAdjustmentNetOfTax", "crdr": "credit", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureAccumulatedOtherComprehensiveLossSummaryOfChangesInAccumulatedOtherComprehensiveLossIncomeByCo "http://www.alcoa.com/20240630/taxonomy/role/Role_StatementStatementOfConsolidatedComprehensiveIncomeUnaudited"], "lang": { "en-us": { "role": { "terseLabel": "Other comprehensive (loss) income", "totalLabel": "Other Comprehensive Income (Loss), Foreign Currency Transaction and Translation Adjustment, Net of Tax, Total", "verboseLabel": "Foreign currency translation adjustments", "label": "Other Comprehensive Income (Loss), Foreign Currency Transaction and Translation Adjustment, Net of Tax", "documentation": "Amount after tax and reclassification adjustments of gain (loss) on foreign currency translation adjustments, foreign currency transactions designated and effective as economic hedges of a net investment in a foreign entity and intra-entity foreign currency transactions that are of a long-term-investment nature." } }, "auth_ref": ["r4", "r838"] }, "us-gaap_OtherComprehensiveIncomeLossNetOfTax": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "OtherComprehensiveIncomeLossNetOfTax", "crdr": "credit", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/Role_StatementStatementOfChangesInConsolidatedEquityUnaudited", "http://www.alcoa.com/20240630/taxonomy/role/Role_StatementStatementOfConsolidatedComprehensiveIncomeUnaudited"], "lang": { "en-us": { "role": { "terseLabel": "Other comprehensive income (loss) (G)", "verboseLabel": "Total Other comprehensive (loss) income, net of tax", "totalLabel": "Other Comprehensive Income (Loss), Net of Tax, Total", "label": "Other Comprehensive Income (Loss), Net of Tax", "documentation": "Amount after tax and reclassification adjustments of other comprehensive income (loss)." } }, "auth_ref": ["r20", "r26", "r215", "r218", "r223", "r252", "r712", "r713", "r718", "r814", "r838", "r1228", "r1229"] }, "us-gaap_OtherComprehensiveIncomeLossNetOfTaxPortionAttributableToNoncontrollingInterest": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "OtherComprehensiveIncomeLossNetOfTaxPortionAttributableToNoncontrollingInterest", "crdr": "debit", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/Role_StatementStatementOfConsolidatedComprehensiveIncomeUnaudited"], "lang": { "en-us": { "role": { "terseLabel": "Total Other comprehensive (loss) income, net of tax, Noncontrolling interest", "totalLabel": "Other Comprehensive Income (Loss), Net of Tax, Portion Attributable to Noncontrolling Interest, Total", "label": "Other Comprehensive Income (Loss), Net of Tax, Portion Attributable to Noncontrolling Interest", "documentation": "Amount after tax of other comprehensive income (loss) attributable to noncontrolling interests." } }, "auth_ref": ["r12", "r19", "r152", "r215", "r218", "r252"] }, "us-gaap_OtherComprehensiveIncomeLossNetOfTaxPortionAttributableToParent": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "OtherComprehensiveIncomeLossNetOfTaxPortionAttributableToParent", "crdr": "credit", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/Role_StatementStatementOfConsolidatedComprehensiveIncomeUnaudited"], "lang": { "en-us": { "role": { "totalLabel": "Total Other comprehensive (loss) income, net of tax, Alcoa Corporation", "label": "Other Comprehensive Income (Loss), Net of Tax, Portion Attributable to Parent", "documentation": "Amount after tax of other comprehensive income (loss) attributable to parent entity." } }, "auth_ref": ["r12", "r19", "r152", "r215", "r218", "r252"] }, "us-gaap_OtherComprehensiveIncomeLossPensionAndOtherPostretirementBenefitPlansAdjustmentBeforeReclassificationAdjustmentsAndTax": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "OtherComprehensiveIncomeLossPensionAndOtherPostretirementBenefitPlansAdjustmentBeforeReclassificationAdjustmentsAndTax", "crdr": "debit", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureAccumulatedOtherComprehensiveLossSummaryOfChangesInAccumulatedOtherComprehensiveLossIncomeByCo], "lang": { "en-us": { "role": { "negatedLabel": "Unrecognized net actuarial gain/loss and prior service cost/benefit", "totalLabel": "Other Comprehensive (Income) Loss, Defined Benefit Plan, before Reclassification Adjustment and Tax, Total", "label": "Other Comprehensive (Income) Loss, Defined Benefit Plan, before Reclassification Adjustment and Tax", "documentation": "Amount, before tax and reclassification adjustment, of (increase) decrease in accumulated other comprehensive income of defined benefit plan, that has not been recognized in net periodic benefit cost (credit)." } }, "auth_ref": ["r5", "r6", "r120", "r121"] }, "us-gaap_OtherComprehensiveIncomeLossPensionAndOtherPostretirementBenefitPlansAdjustmentBeforeReclassificationAdjustmentsNetOfTax": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "OtherComprehensiveIncomeLossPensionAndOtherPostretirementBenefitPlansAdjustmentBeforeReclassificationAdjustmentsNetOfTax", "crdr": "debit", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureAccumulatedOtherComprehensiveLossSummaryOfChangesInAccumulatedOtherComprehensiveLossIncomeByCo], "lang": { "en-us": { "role": { "totalLabel": "Other Comprehensive (Income) Loss, Defined Benefit Plan, before Reclassification Adjustment, after Tax, Total", "label": "Other Comprehensive (Income) Loss, Defined Benefit Plan, before Reclassification Adjustment, after Tax", "negatedTotalLabel": "Total Other comprehensive income (loss) before reclassifications, net of tax", "documentation": "Amount, after tax, before reclassification adjustment, of (increase) decrease in accumulated other comprehensive income of defined benefit plan, that has not been recognized in net periodic benefit cost (credit)." } }, "auth_ref": ["r5", "r6", "r120", "r121"] }, "us-gaap_OtherComprehensiveIncomeLossPensionAndOtherPostretirementBenefitPlansAdjustmentNetOfTax": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "OtherComprehensiveIncomeLossPensionAndOtherPostretirementBenefitPlansAdjustmentNetOfTax", "crdr": "debit", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureAccumulatedOtherComprehensiveLossSummaryOfChangesInAccumulatedOtherComprehensiveLossIncomeByCo "http://www.alcoa.com/20240630/taxonomy/role/Role_StatementStatementOfConsolidatedComprehensiveIncomeUnaudited"], "lang": { "en-us": { "role": { "terseLabel": "Change in unrecognized net actuarial gain/loss and prior service cost/benefit related to pension and other postretirement benefits", "totalLabel": "Other Comprehensive (Income) Loss, Defined Benefit Plan, after Reclassification Adjustment, after Tax, Total", "label": "Other Comprehensive (Income) Loss, Defined Benefit Plan, after Reclassification Adjustment, after Tax", "negatedTotalLabel": "Total Other comprehensive income (loss)", "documentation": "Amount, after tax and reclassification adjustment, of (increase) decrease in accumulated other comprehensive income for defined benefit plan." } }, "auth_ref": ["r5", "r6", "r120", "r121", "r838"] }, "us-gaap_OtherComprehensiveIncomeLossPensionAndOtherPostretirementBenefitPlansBeforeReclassificationAdjustmentsTax": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "OtherComprehensiveIncomeLossPensionAndOtherPostretirementBenefitPlansBeforeReclassificationAdjustmentsTax", "crdr": "credit", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureAccumulatedOtherComprehensiveLossSummaryOfChangesInAccumulatedOtherComprehensiveLossIncomeByCo], "lang": { "en-us": { "role": { "totalLabel": "Other Comprehensive (Income) Loss, Defined Benefit Plan, before Reclassification Adjustment, Tax, Total", "terseLabel": "Tax benefit (expense)", "label": "Other Comprehensive (Income) Loss, Defined Benefit Plan, before Reclassification Adjustment, Tax", "verboseLabel": "Tax benefit (expense)", "documentation": "Amount, before reclassification adjustment, of tax (expense) benefit for (increase) decrease in accumulated other comprehensive income for defined benefit plan." } }, "auth_ref": ["r5", "r6", "r7", "r120", "r152"] }, "us-gaap_OtherComprehensiveIncomeLossReclassificationAdjustmentFromAOCIPensionAndOtherPostretirementBenefitPlansBeforeTax": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "OtherComprehensiveIncomeLossReclassificationAdjustmentFromAOCIPensionAndOtherPostretirementBenefitPlansBeforeTax", "crdr": "credit", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureAccumulatedOtherComprehensiveLossSummaryOfChangesInAccumul], "lang": { "en-us": { "role": { "terseLabel": "Amortization of net actuarial gain/loss and prior service cost/benefit", "totalLabel": "Other Comprehensive (Income) Loss, Defined

Benefit Plan, Reclassification Adjustment from AOCI, before Tax, Total", "label": "Other Comprehensive (Income) Loss, Defined Benefit Plan, Reclassification Adjustment from AOCI, before Tax", "documentation": "Amount, before tax, of reclassification adjustment from accumulated other comprehensive (income) loss for net period benefit cost (credit) of defined benefit plan." } } }, "auth_ref": ["r10", "r121", "r213", "r1346"] }, "us-gaap_OtherComprehensiveIncomeLossReclassificationAdjustmentFromAOCIPensionAndOtherPostretirementBenefitPlansNetOfTax": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "OtherComprehensiveIncomeLossReclassificationAdjustmentFromAOCIPensionAndOtherPostretirementBenefitPlansNetOfTax", "crdr": "credit", "presentation": ["http://www.alcoa.com/20240630/role/Role_DisclosureAccumulatedOtherComprehensiveLossSummaryOfChangesInAccumulatedOtherComprehensiveLossIncomeByCo"], "lang": { "en-us": { "role": { "totalLabel": "Total amount reclassified from Accumulated other comprehensive loss, net of tax", "label": "Other Comprehensive (Income) Loss, Defined Benefit Plan, Reclassification Adjustment from AOCI, after Tax", "documentation": "Amount, after tax, of reclassification adjustment from accumulated other comprehensive (income) loss for net periodic benefit cost (credit) of defined benefit plan." } } }, "auth_ref": ["r10", "r121", "r149", "r213"] }, "us-gaap_OtherComprehensiveIncomeLossReclassificationAdjustmentFromAOCIPensionAndOtherPostretirementBenefitPlansTax": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "OtherComprehensiveIncomeLossReclassificationAdjustmentFromAOCIPensionAndOtherPostretirementBenefitPlansTax", "crdr": "debit", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureAccumulatedOtherComprehensiveLossSummaryOfChangesInAccumulatedOtherComprehensiveLossIncomeByCo"], "lang": { "en-us": { "role": { "totalLabel": "Other Comprehensive (Income) Loss, Defined Benefit Plan, Reclassification Adjustment from AOCI, Tax, Total", "label": "Other Comprehensive (Income) Loss, Defined Benefit Plan, Reclassification Adjustment from AOCI, Tax", "negatedLabel": "Tax benefit (expense)", "documentation": "Amount of tax (expense) benefit for reclassification adjustment from accumulated other comprehensive (income) loss of defined benefit plan." } } }, "auth_ref": ["r7", "r152"] }, "us-gaap_OtherCurrentLiabilitiesMember": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "OtherCurrentLiabilitiesMember", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/DisclosureDebtAdditionalInformationDetail", "http://www.alcoa.com/20240630/taxonomy/role/DisclosureSubsequentEventsAdditionalInformationDetails"], "lang": { "en-us": { "role": { "terseLabel": "Other Current Liabilities", "label": "Other Current Liabilities [Member]", "documentation": "Primary financial statement caption encompassing other current liabilities." } } }, "auth_ref": [] }, "aa_OtherExitCostsMember": { "xbrltype": "domainItemType", "nsuri": "http://www.alcoa.com/20240630", "localname": "OtherExitCostsMember", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureRestructuringAndOtherChargesNetActivityAndReserveBalancesForRestructuringChargesDetail", "http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureRestructuringAndOtherChargesNetAdditionalInformationDetail"], "lang": { "en-us": { "role": { "terseLabel": "Other Costs [Member]", "label": "Other Exit Costs [Member]", "documentation": "Other exit costs." } } }, "auth_ref": [] }, "aa_OtherFinancialInformationAbstract": { "xbrltype": "stringItemType", "nsuri": "http://www.alcoa.com/20240630", "localname": "OtherFinancialInformationAbstract", "lang": { "en-us": { "role": { "documentation": "Other financial information.", "label": "Other Financial Information [Abstract]" } } }, "auth_ref": [] }, "us-gaap_OtherIncomeAndExpensesAbstract": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "OtherIncomeAndExpensesAbstract", "lang": { "en-us": { "role": { "label": "Other Income and Expenses [Abstract]" } } }, "auth_ref": [] }, "aa_OtherIncomeExpensesMember": { "xbrltype": "domainItemType", "nsuri": "http://www.alcoa.com/20240630", "localname": "OtherIncomeExpensesMember", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureDerivativesAndOtherFinancialInstrumentsScheduleOfReconciliationOfActivityForDerivativeContractsDetail"], "lang": { "en-us": { "role": { "label": "Other Income Expenses [Member]", "documentation": "Other income expenses.", "verboseLabel": "Other Expenses, Net [Member]" } } }, "auth_ref": [] }, "us-gaap_OtherIntangibleAssetsNet": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "OtherIntangibleAssetsNet", "crdr": "debit", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/DisclosureOtherFinancialInformationScheduleOfOtherNoncurrentAssetsDetail"], "lang": { "en-us": { "role": { "terseLabel": "Intangibles, net", "label": "Other Intangible Assets, Net", "documentation": "Amount after accumulated amortization of finite-lived and indefinite-lived intangible assets classified as other." } } }, "auth_ref": [] }, "us-gaap_OtherInventoryNetOfReserves": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "OtherInventoryNetOfReserves", "crdr": "debit", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureInventoriesScheduleOfInventoryComponentsDetail"], "lang": { "en-us": { "role": { "terseLabel": "Bauxite and alumina", "label": "Other Inventory, Net of Reserves", "documentation": "Amount, after of valuation reserves and allowances, of inventory, classified as other, expected to be sold, or consumed within one year or operating cycle, if longer." } } }, "auth_ref": ["r140", "r1226"] }, "us-gaap_OtherLiabilitiesCurrent": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "OtherLiabilitiesCurrent", "crdr": "credit", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/Role_StatementConsolidatedBalanceSheetUnaudited"], "lang": { "en-us": { "role": { "terseLabel": "Other current liabilities", "label": "Other Liabilities, Current", "documentation": "Amount of liabilities classified as other, due within one year or the normal operating cycle, if longer." } } }, "auth_ref": ["r99", "r1081"] }, "aa_OtherMiscellaneousChargesMember": { "xbrltype": "domainItemType", "nsuri": "http://www.alcoa.com/20240630", "localname": "OtherMiscellaneousChargesMember", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureRestructuringAndOtherChargesNetAdditionalInformationDetail"], "lang": { "en-us": { "role": { "documentation": "Miscellaneous charges.", "label": "Other Miscellaneous Charges [Member]", "terseLabel": "Other Item Charges [Member]" } } }, "auth_ref": [] }, "us-gaap_OtherNoncashIncomeExpense": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "OtherNoncashIncomeExpense", "crdr": "credit", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/StatementStatementOfConsolidatedCashFlowsUnaudited"], "lang": { "en-us": { "role": { "totalLabel": "Other Noncash Income (Expense), Total", "negatedLabel": "Other", "label": "Other Noncash Income (Expense)", "documentation": "Amount of income (expense) included in net income that results in no cash inflow (outflow), classified as other." } } }, "auth_ref": ["r136"] }, "us-gaap_OtherNoncurrentAssetsMember": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "OtherNoncurrentAssetsMember", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/DisclosureGoodwillSummaryOfGoodwillWhichIsIncludedInOtherNoncurrentAssetsDetail", "http://www.alcoa.com/20240630/taxonomy/role/DisclosureGoodwillSummaryOfGoodwillWhichIsIncludedInOtherNoncurrentAssetsParentheticalDetail", "http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureIncomeTaxesAdditionalInformationDetail"], "lang": { "en-us": { "role": { "terseLabel": "Other Noncurrent Assets [Member]", "label": "Other Noncurrent Assets [Member]", "documentation": "Primary financial statement caption encompassing other noncurrent assets." } } }, "auth_ref": [] }, "us-gaap_OtherNonoperatingIncomeAndExpenseTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "OtherNonoperatingIncomeAndExpenseTextBlock", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureOtherIncomeNet"], "lang": { "en-us": { "role": { "terseLabel": "Other Income, Net", "label": "Other Nonoperating Income and Expense [Text Block]", "documentation": "The entire disclosure for the components of non-operating income or non-operating expense, including, but not limited to, amounts earned from dividends, interest on securities, gain (loss) on securities sold, equity earnings of unconsolidated affiliates, gain (loss) on sales of business, interest expense and other miscellaneous income or expense items." } } }, "auth_ref": ["r228", "r229"] }, "us-gaap_OtherNonoperatingIncomeExpense": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "OtherNonoperatingIncomeExpense", "crdr": "credit", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/DisclosureOtherFinancialInformationScheduleOfOtherIncomeExpensesNetDetail"], "lang": { "en-us": { "role": { "negatedLabel": "Other, net", "totalLabel": "Other Nonoperating Income (Expense), Total", "label": "Other Nonoperating Income (Expense)", "documentation": "Amount of income (expense) related to nonoperating activities, classified as other." } } }, "auth_ref": ["r128"] }, "us-gaap_OtherNonoperatingIncomeExpenseMember": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "OtherNonoperatingIncomeExpenseMember", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureInvestmentsAdditionalInformationDetail"], "lang": { "en-us": { "role": { "terseLabel": "Other Nonoperating Income Expense [Member]", "label": "Other Nonoperating Income (Expense) [Member]", "documentation": "Primary financial statement caption encompassing other nonoperating income (expense)." } } }, "auth_ref": [] }, "us-gaap_OtherOperatingIncomeExpenseNet": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "OtherOperatingIncomeExpenseNet", "crdr": "credit", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureInvestmentsAdditionalInformationDetail"], "lang": { "en-us": { "role": { "terseLabel": "Total share of this dispute", "label": "Other Operating Income (Expense), Net", "documentation": "The net amount of other operating income and expenses, the components of which are not separately disclosed on the income statement, from items that are associated with the entity's normal revenue producing operations." } } }, "auth_ref": [] }, "ecd_OtherPerfMeasureAmt": { "xbrltype": "decimalItemType", "nsuri": "http://xbrl.sec.gov/ecd/2024", "localname": "OtherPerfMeasureAmt", "presentation": ["http://xbrl.sec.gov/ecd/role/PvpDisclosure"], "lang": { "en-us": { "role": { "label": "Other Performance Measure, Amount", "terseLabel": "Other Performance Measure, Amount" } } }, "auth_ref": ["r1161"] }, "us-gaap_OtherPostretirementBenefitPlansDefinedBenefitMember": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "OtherPostretirementBenefitPlansDefinedBenefitMember", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosurePensionAndOtherPostretirementBenefitsComponentsOfNetPeriodicBenefitCostDetail"], "lang": { "en-us": { "role": { "terseLabel": "Other Postretirement Benefits [Member]", "label": "Other Postretirement Benefits Plan [Member]", "documentation": "Plan designed to provide other postretirement benefits. Includes, but is not limited to, defined benefit and defined contribution plans. Excludes pension benefits." } } }, "auth_ref": ["r488", "r491", "r492", "r493", "r494", "r495", "r496", "r497", "r498", "r499", "r500", "r501", "r502", "r503", "r504", "r505", "r506", "r507", "r508", "r509", "r510", "r511", "r512", "r513", "r515", "r516", "r517", "r518", "r519", "r520", "r522", "r523", "r524", "r525", "r526", "r527", "r528", "r529", "r530", "r531", "r532", "r533", "r534", "r536", "r537", "r539", "r542", "r545", "r549", "r550", "r551", "r552", "r553", "r554", "r555", "r556", "r557", "r558", "r561", "r562", "r563", "r1055", "r1056", "r1057", "r1058", "r1059"] }, "us-gaap_OtherPostretirementDefinedBenefitPlanLiabilitiesNoncurrent": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "OtherPostretirementDefinedBenefitPlanLiabilitiesNoncurrent", "crdr": "credit", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/Role_StatementConsolidatedBalanceSheetUnaudited"], "lang": { "en-us": { "role": { "terseLabel": "Accrued other postretirement benefits (L)", "label": "Liability, Other Postretirement Defined Benefit Plan, Noncurrent", "documentation": "Amount of liability, recognized in statement of financial position, for defined benefit other postretirement plan, classified as noncurrent. Excludes pension plan." } } }, "auth_ref": ["r56", "r57", "r104", "r148"] }, "aa_OtherProductsMember": { "xbrltype": "domainItemType", "nsuri": "http://www.alcoa.com/20240630", "localname": "OtherProductsMember", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureInvestmentsSummaryOfUnauditedFinancialInformationForAlcoaCorporationSEquityInvestmentsDetail", "http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureSegmentInformationScheduleOfSalesByProductDivisionDetail"], "lang": { "en-us": { "role": { "verboseLabel": "Other [Member]", "terseLabel": "Other Products [Member]", "label": "Other Products [Member]", "documentation": "Other products." } } }, "auth_ref": [] }, "aa_OtherReceivablesMember": { "xbrltype": "domainItemType", "nsuri": "http://www.alcoa.com/20240630", "localname": "OtherReceivablesMember", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureIncomeTaxesAdditionalInformationDetail"], "lang": { "en-us": { "role": { "label": "Other Receivables [Member]", "documentation": "Other receivables." } } }, "auth_ref": [] }, "us-gaap_OtherReceivablesNetCurrent": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "OtherReceivablesNetCurrent", "crdr": "debit", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/Role_StatementConsolidatedBalanceSheetUnaudited"], "lang": { "en-us": { "role": { "totalLabel": "Other Receivables, Net, Current, Total", "terseLabel": "Other receivables", "label": "Other Receivables, Net, Current", "documentation": "Amount, after allowance, of receivables classified as other, due within one year or the operating cycle, if longer." } } }, "auth_ref": [] }, "us-gaap_OtherRestructuringMember": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "OtherRestructuringMember", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureRestructuringAndOtherChargesNetAdditionalInformationDetail"], "lang": { "en-us": { "role": { "terseLabel": "Other Restructuring [Member]", "label": "Other Restructuring [Member]", "documentation": "Restructuring and related activities classified as other." } } }, "auth_ref": ["r1035", "r1036", "r1037", "r1038"] }, "aa_OtherSitesMember": { "xbrltype": "domainItemType", "nsuri": "http://www.alcoa.com/20240630", "localname": "OtherSitesMember", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/DisclosureContingenciesAdditionalInformationDetail"], "lang": { "en-us": { "role": { "terseLabel": "Other Sites [Member]", "label": "Other Sites [Member]", "documentation": "Other sites." } } }, "auth_ref": [] }, "ecd_OutstandingAggtErrCompAmt": { "xbrltype": "monetaryItemType", "nsuri": "http://xbrl.sec.gov/ecd/2024", "localname": "OutstandingAggtErrCompAmt", "presentation": ["http://xbrl.sec.gov/ecd/role/ErrCompDisclosure"], "lang": { "en-us": { "role": { "label": "Outstanding Aggregate Erroneous Compensation Amount", "terseLabel": "Outstanding Aggregate Erroneous Compensation Amount" } } }, "auth_ref": ["r1123", "r1133", "r1143", "r1175"] }, "aa_OutstandingAluminumDerivativeInstruments": { "xbrltype": "massItemType", "nsuri": "http://www.alcoa.com/20240630", "localname": "OutstandingAluminumDerivativeInstruments", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureDerivativesAndOtherFinancialInstrumentsScheduleOfOutstandingQuantitiesOfDerivativeInstrumentsDetail"], "lang": { "en-us": { "role": { "terseLabel": "Outstanding quantities of derivative instruments", "label": "Outstanding Aluminum Derivative Instruments", "documentation": "Outstanding aluminum derivative instruments." } } }, "auth_ref": [] }, "ecd_OutstandingRecoveryCompAmt": { "xbrltype": "monetaryItemType", "nsuri": "http://xbrl.sec.gov/ecd/2024", "localname": "OutstandingRecoveryCompAmt", "presentation": ["http://xbrl.sec.gov/ecd/role/ErrCompDisclosure"], "lang": { "en-us": { "role": { "label": "Outstanding Recovery Compensation Amount", "terseLabel": "Compensation Amount" } } }, "auth_ref": ["r1126", "r1136", "r1146", "r1178"] }

"ecd_OutstandingRecoveryIndName": { "xbrltype": "stringItemType", "nsuri": "http://xbrl.sec.gov/ecd/2024", "localname": "OutstandingRecoveryIndName", "presentation": ["http://xbrl.sec.gov/ecd/role/ErrCompDisclosure"], "lang": { "en-us": { "role": { "label": "Outstanding Recovery, Individual Name", "terseLabel": "Name" } } }, "auth_ref": ["r1126", "r1136", "r1146", "r1178"] }, "srt_OwnershipAxis": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/srt/2024", "localname": "OwnershipAxis", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/DisclosureAcquisitionsAndDivestituresAdditionalInformationDetail", "http://www.alcoa.com/20240630/taxonomy/role/DisclosureContingenciesAdditionalInformation1Detail", "http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureBasisOfPresentationAdditionalInformationDetail", "http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureInvestmentsAdditionalInformationDetail"], "lang": { "en-us": { "role": { "terseLabel": "Ownership", "label": "Ownership [Axis]" } } }, "auth_ref": [] }, "srt_OwnershipDomain": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/srt/2024", "localname": "OwnershipDomain", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/DisclosureAcquisitionsAndDivestituresAdditionalInformationDetail", "http://www.alcoa.com/20240630/taxonomy/role/DisclosureContingenciesAdditionalInformation1Detail", "http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureBasisOfPresentationAdditionalInformationDetail", "http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureInvestmentsAdditionalInformationDetail"], "lang": { "en-us": { "role": { "terseLabel": "Ownership", "label": "Ownership [Domain]" } } }, "auth_ref": [] }, "aa_OwnershipInterestInJointVenture": { "xbrltype": "percentItemType", "nsuri": "http://www.alcoa.com/20240630", "localname": "OwnershipInterestInJointVenture", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureBasisOfPresentationAdditionalInformationDetail", "http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureInvestmentsAdditionalInformationDetail"], "lang": { "en-us": { "role": { "terseLabel": "Ownership interest in joint venture", "label": "Ownership Interest In Joint Venture", "documentation": "Ownership interest in joint venture." } } }, "auth_ref": [] }, "us-gaap_ParentMember": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ParentMember", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureAccumulatedOtherComprehensiveLossSummaryOfChangesInAccumulatedOtherComprehensiveLossIncomeByCo"], "lang": { "en-us": { "role": { "terseLabel": "Alcoa Corporation [Member]", "label": "Parent [Member]", "documentation": "Portion of equity, or net assets, in the consolidated entity attributable, directly or indirectly, to the parent. Excludes noncontrolling interests." } } }, "auth_ref": [] }, "ecd_PayVsPerformanceDisclosureLineItems": { "xbrltype": "stringItemType", "nsuri": "http://xbrl.sec.gov/ecd/2024", "localname": "PayVsPerformanceDisclosureLineItems", "lang": { "en-us": { "role": { "label": "Pay vs Performance Disclosure [Line Items]", "terseLabel": "Pay vs Performance Disclosure" } } }, "auth_ref": ["r1150"] }, "aa_PaymentAmountRefundPercentage": { "xbrltype": "percentItemType", "nsuri": "http://www.alcoa.com/20240630", "localname": "PaymentAmountRefundPercentage", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/DisclosureContingenciesAdditionalInformation1Detail"], "lang": { "en-us": { "role": { "terseLabel": "Payment amount refund percentage", "label": "Payment Amount Refund Percentage", "documentation": "Payment amount refund percentage." } } }, "auth_ref": [] }, "aa_PaymentForSettlementToFormerEmployeesToBeMade": { "xbrltype": "monetaryItemType", "nsuri": "http://www.alcoa.com/20240630", "localname": "PaymentForSettlementToFormerEmployeesToBeMade", "crdr": "credit", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/DisclosureContingenciesAdditionalInformationDetail"], "lang": { "en-us": { "role": { "documentation": "Payment for settlement to former employees to be made.", "label": "Payment for Settlement to Former Employees to be Made", "terseLabel": "Payment for settlement to former employees to be made" } } }, "auth_ref": [] }, "aa_PaymentOfDisputedTaxAmountPercentage": { "xbrltype": "percentItemType", "nsuri": "http://www.alcoa.com/20240630", "localname": "PaymentOfDisputedTaxAmountPercentage", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/DisclosureContingenciesAdditionalInformation1Detail"], "lang": { "en-us": { "role": { "terseLabel": "Payment of dispute resolution practices income tax percentage", "label": "Payment Of Disputed Tax Amount Percentage", "documentation": "Payment of disputed tax amount, percentage." } } }, "auth_ref": [] }, "aa_PaymentTerms": { "xbrltype": "durationItemType", "nsuri": "http://www.alcoa.com/20240630", "localname": "PaymentTerms", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/DisclosureSupplierFinanceProgramsAdditionalInformationDetail"], "lang": { "en-us": { "role": { "terseLabel": "Payment terms", "label": "Payment Terms", "documentation": "Payment Terms." } } }, "auth_ref": [] }, "aa_PaymentsForFinancialContributionsForDivestitureOfBusinesses": { "xbrltype": "monetaryItemType", "nsuri": "http://www.alcoa.com/20240630", "localname": "PaymentsForFinancialContributionsForDivestitureOfBusinesses", "crdr": "credit", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/DisclosureAcquisitionsAndDivestituresAdditionalInformationDetail"], "lang": { "en-us": { "role": { "terseLabel": "Payments against the reserve", "documentation": "Payments for financial contributions for divestiture of businesses.", "label": "Payments for Financial Contributions for Divestiture of Businesses" } } }, "auth_ref": [] }, "aa_PaymentsForFinancialContributionsForTheDivestitureOfBusinesses": { "xbrltype": "monetaryItemType", "nsuri": "http://www.alcoa.com/20240630", "localname": "PaymentsForFinancialContributionsForTheDivestitureOfBusinesses", "crdr": "credit", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/StatementStatementOfConsolidatedCashFlowsUnaudited"], "lang": { "en-us": { "role": { "negatedLabel": "Financial contributions for the divestiture of businesses (C)", "label": "Payments For Financial Contributions For The Divestiture Of Businesses", "documentation": "Payments for financial contributions for the divestiture of businesses." } } }, "auth_ref": [] }, "us-gaap_PaymentsForLegalSettlements": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "PaymentsForLegalSettlements", "crdr": "credit", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/DisclosureContingenciesAdditionalInformationDetail", "http://www.alcoa.com/20240630/taxonomy/role/DisclosureSubsequentEventsAdditionalInformationDetails"], "lang": { "en-us": { "role": { "verboseLabel": "Payment for civil fine", "label": "Payments for Legal Settlements", "terseLabel": "Payment for settlements to former employees", "documentation": "The amount of cash paid for the settlement of litigation or for other legal issues during the period." } } }, "auth_ref": ["r13"] }, "us-gaap_PaymentsForProceedsFromOtherInvestingActivities": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "PaymentsForProceedsFromOtherInvestingActivities", "crdr": "credit", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/StatementStatementOfConsolidatedCashFlowsUnaudited"], "lang": { "en-us": { "role": { "negatedLabel": "Other", "label": "Payments for (Proceeds from) Other Investing Activities", "documentation": "Amount of cash (inflow) outflow from investing activities classified as other." } } }, "auth_ref": ["r1207", "r1231"] }, "us-gaap_PaymentsForRepurchaseOfCommonStock": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "PaymentsForRepurchaseOfCommonStock", "crdr": "credit", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/StatementStatementOfConsolidatedCashFlowsUnaudited"], "lang": { "en-us": { "role": { "negatedLabel": "Repurchase of common stock", "label": "Payments for Repurchase of Common Stock", "documentation": "The cash outflow to reacquire common stock during the period." } } }, "auth_ref": ["r132"] }, "us-gaap_PaymentsForRestructuring": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "PaymentsForRestructuring", "crdr": "credit", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureRestructuringAndOtherChargesNetActivityAndReserveBalancesForRestructuringChargesDetail"], "lang": { "en-us": { "role": { "negatedLabel": "Cash payments", "label": "Payments for Restructuring", "documentation": "Amount of cash payments made as the result of exit or disposal activities. Excludes payments associated with a discontinued operation or an asset retirement obligation." } } }, "auth_ref": ["r420", "r1233"] }, "us-gaap_PaymentsOfDividendsCommonStock": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "PaymentsOfDividendsCommonStock", "crdr": "credit", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/StatementStatementOfConsolidatedCashFlowsUnaudited"], "lang": { "en-us": { "role": { "negatedLabel": "Dividends paid on Alcoa common stock", "label": "Payments of Ordinary Dividends, Common Stock", "documentation": "Amount of cash outflow in the form of ordinary dividends to common shareholders of the parent entity." } } }, "auth_ref": ["r132"] }, "us-gaap_PaymentsOfDividendsMinorityInterest": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "PaymentsOfDividendsMinorityInterest", "crdr": "credit", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/StatementStatementOfConsolidatedCashFlowsUnaudited"], "lang": { "en-us": { "role": { "negatedLabel": "Distributions to noncontrolling interest", "label": "Payments of Ordinary Dividends, Noncontrolling Interest", "documentation": "Amount of cash outflow in the form of ordinary dividends provided by the non-wholly owned subsidiary to noncontrolling interests." } } }, "auth_ref": ["r132"] }, "us-gaap_PaymentsRelatedToTaxWithholdingForShareBasedCompensation": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "PaymentsRelatedToTaxWithholdingForShareBasedCompensation", "crdr": "credit", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/StatementStatementOfConsolidatedCashFlowsUnaudited"], "lang": { "en-us": { "role": { "negatedLabel": "Payments related to tax withholding on stock-based compensation awards", "label": "Payment, Tax Withholding, Share-Based Payment Arrangement", "documentation": "Amount of cash outflow to satisfy grantee's tax withholding obligation for award under share-based payment arrangement." } } }, "auth_ref": ["r230"] }, "us-gaap_PaymentsToAcquireInvestments": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "PaymentsToAcquireInvestments", "crdr": "credit", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/StatementStatementOfConsolidatedCashFlowsUnaudited"], "lang": { "en-us": { "role": { "totalLabel": "Payments to Acquire Investments, Total", "negatedLabel": "Additions to investments", "label": "Payments to Acquire Investments", "documentation": "The cash outflow associated with the purchase of all investments (debt, security, other) during the period." } } }, "auth_ref": ["r130"] }, "us-gaap_PaymentsToAcquirePropertyPlantAndEquipment": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "PaymentsToAcquirePropertyPlantAndEquipment", "crdr": "credit", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/StatementStatementOfConsolidatedCashFlowsUnaudited"], "lang": { "en-us": { "role": { "totalLabel": "Payments to Acquire Property, Plant, and Equipment, Total", "negatedLabel": "Capital expenditures", "label": "Payments to Acquire Property, Plant, and Equipment", "documentation": "The cash outflow associated with the acquisition of long-lived, physical assets that are used in the normal conduct of business to produce goods and services and not intended for resale; includes cash outflows to pay for construction of self-constructed assets." } } }, "auth_ref": ["r131"] }, "ecd_PeerGroupIssuersFnTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://xbrl.sec.gov/ecd/2024", "localname": "PeerGroupIssuersFnTextBlock", "presentation": ["http://xbrl.sec.gov/ecd/role/PvpDisclosure"], "lang": { "en-us": { "role": { "label": "Peer Group Issuers, Footnote [Text Block]", "terseLabel": "Peer Group Issuers, Footnote" } } }, "auth_ref": ["r1160"] }, "ecd_PeerGroupTotalShareholderRtnAmt": { "xbrltype": "monetaryItemType", "nsuri": "http://xbrl.sec.gov/ecd/2024", "localname": "PeerGroupTotalShareholderRtnAmt", "presentation": ["http://xbrl.sec.gov/ecd/role/PvpDisclosure"], "lang": { "en-us": { "role": { "label": "Peer Group Total Shareholder Return Amount", "terseLabel": "Peer Group Total Shareholder Return Amount" } } }, "auth_ref": ["r1160"] }, "us-gaap_PensionAndOtherPostretirementBenefitExpense": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "PensionAndOtherPostretirementBenefitExpense", "crdr": "debit", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/DisclosureOtherFinancialInformationScheduleOfOtherIncomeExpensesNetDetail"], "lang": { "en-us": { "role": { "terseLabel": "Non-service costs - pension and other postretirement benefits", "label": "Pension and Other Postretirement Benefits Cost (Reversal of Cost)", "totalLabel": "Pension and Other Postretirement Benefits Cost (Reversal of Cost), Total", "documentation": "Amount of cost (reversal of cost) for pension and other postretirement benefits." } } }, "auth_ref": [] }, "us-gaap_PensionAndOtherPostretirementBenefitExpenseAbstract": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "PensionAndOtherPostretirementBenefitExpenseAbstract", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureAccumulatedOtherComprehensiveLossSummaryOfChangesInAccumulatedOtherComprehensiveLossIncomeByCo"], "lang": { "en-us": { "role": { "terseLabel": "Pension and other postretirement benefits (L)", "label": "Pension and Other Postretirement Benefits Cost (Reversal of Cost) [Abstract]" } } }, "auth_ref": [] }, "us-gaap_PensionAndOtherPostretirementBenefitsDisclosureTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "PensionAndOtherPostretirementBenefitsDisclosureTextBlock", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosurePensionAndOtherPostretirementBenefits"], "lang": { "en-us": { "role": { "terseLabel": "Pension and Other Postretirement Benefits", "label": "Retirement Benefits [Text Block]", "documentation": "The entire disclosure for retirement benefits." } } }, "auth_ref": ["r487", "r512", "r514", "r520", "r538", "r540", "r541", "r542", "r543", "r544", "r559", "r560", "r561", "r1055"] }, "aa_PensionBenefitsSettlementMember": { "xbrltype": "domainItemType", "nsuri": "http://www.alcoa.com/20240630", "localname": "PensionBenefitsSettlementMember", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/DisclosureRestructuringAndOtherChargesNetAdditionalInformationDetail"], "lang": { "en-us": { "role": { "label": "Pension Benefits Settlement [Member]", "documentation": "Pension benefits settlement [Member]" } } }, "auth_ref": [] }, "us-gaap_PensionContributions": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "PensionContributions", "crdr": "credit", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/StatementStatementOfConsolidatedCashFlowsUnaudited"], "lang": { "en-us": { "role": { "negatedLabel": "Pension contributions (L)", "label": "Payment for Pension Benefits", "documentation": "Amount of cash outflow for pension benefit. Includes, but is not limited to, employer contribution to fund plan asset and payment to retiree. Excludes other postretirement benefit." } } }, "auth_ref": ["r13"] }, "us-gaap_PensionPlansDefinedBenefitMember": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "PensionPlansDefinedBenefitMember", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosurePensionAndOtherPostretirementBenefitsComponentsOfNetPeriodicBenefitCostDetail", "http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureRestructuringAndOtherChargesNetAdditionalInformationDetail"], "lang": { "en-us": { "role": { "terseLabel": "Pension Benefits [Member]", "label": "Pension Plan [Member]", "documentation": "Plan designed to provide participant with pension benefits. Includes, but is not limited to, defined benefit and defined contribution plans. Excludes other postretirement benefits." } } }, "auth_ref": ["r488", "r491", "r492", "r493", "r494", "r495", "r496", "r497", "r498", "r499", "r500", "r501", "r502", "r503", "r504", "r505", "r506", "r507", "r508", "r509", "r510", "r511", "r512", "r513", "r515", "r516", "r517", "r518", "r519", "r520",

"r521", "r522", "r523", "r524", "r525", "r526", "r527", "r528", "r529", "r530", "r531", "r532", "r533", "r534", "r536", "r537", "r539", "r542", "r545", "r549", "r550", "r551", "r552", "r553", "r554", "r555", "r556", "r557", "r558", "r561", "r562", "r573", "r1055", "r1056", "r1060", "r1061", "r1062"] }, "ecd_PeoActuallyPaidCompAmt": { "xbrltype": "monetaryItemType", "nsuri": "http://xbrl.sec.gov/ecd/2024", "localname": "PeoActuallyPaidCompAmt", "presentation": ["http://xbrl.sec.gov/ecd/role/PvpDisclosure"], "lang": { "en-us": { "role": { "label": "PEO Actually Paid Compensation Amount", "terseLabel": "PEO Actually Paid Compensation Amount" } } }, "auth_ref": ["r1152"] }, "ecd_PeoMember": { "xbrltype": "domainItemType", "nsuri": "http://xbrl.sec.gov/ecd/2024", "localname": "PeoMember", "presentation": ["http://xbrl.sec.gov/ecd/role/PvpDisclosure"], "lang": { "en-us": { "role": { "label": "PEO [Member]", "terseLabel": "PEO" } } }, "auth_ref": ["r1169"] }, "ecd_PeoName": { "xbrltype": "normalizedStringItemType", "nsuri": "http://xbrl.sec.gov/ecd/2024", "localname": "PeoName", "presentation": ["http://xbrl.sec.gov/ecd/role/PvpDisclosure"], "lang": { "en-us": { "role": { "label": "PEO Name", "terseLabel": "PEO Name" } } }, "auth_ref": ["r1162"] }, "ecd_PeoTotalCompAmt": { "xbrltype": "monetaryItemType", "nsuri": "http://xbrl.sec.gov/ecd/2024", "localname": "PeoTotalCompAmt", "presentation": ["http://xbrl.sec.gov/ecd/role/PvpDisclosure"], "lang": { "en-us": { "role": { "label": "PEO Total Compensation Amount", "terseLabel": "PEO Total Compensation Amount" } } }, "auth_ref": ["r1151"] },
"aa_PercentageOfExpectedToBeOperationalInAlumarRestart": { "xbrltype": "percentItemType", "nsuri": "http://www.alcoa.com/20240630", "localname": "PercentageOfExpectedToBeOperationalInAlumarRestart", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureDerivativesAndOtherFinancialInstrumentsAdditionalInformationDetail"], "lang": { "en-us": { "role": { "terseLabel": "Percentage of expected to be operational in Alumar Restart", "label": "Percentage Of Expected To Be Operational In Alumar Restart", "documentation": "Percentage of expected to be operational in Alumar Restart." } } }, "auth_ref": [] }, "aa_PercentageOfMinimumProductionOfAnnualCapacity": { "xbrltype": "percentItemType", "nsuri": "http://www.alcoa.com/20240630", "localname": "PercentageOfMinimumProductionOfAnnualCapacity", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureRestructuringAndOtherChargesNetAdditionalInformationDetail"], "lang": { "en-us": { "role": { "terseLabel": "Percentage of minimum production of annual capacity", "label": "Percentage of Minimum Production of Annual Capacity", "documentation": "Percentage of minimum production of annual capacity." } } }, "auth_ref": [] }, "aa_PercentageOfPenaltyOnAmountOfAdditionalTaxesDue": { "xbrltype": "percentItemType", "nsuri": "http://www.alcoa.com/20240630", "localname": "PercentageOfPenaltyOnAmountOfAdditionalTaxesDue", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/DisclosureContingenciesAdditionalInformation1Detail"], "lang": { "en-us": { "role": { "terseLabel": "Percentage of penalty of the gross disallowed amount", "label": "Percentage Of Penalty On Amount Of Additional Taxes Due", "documentation": "Percentage of penalty on amount of additional taxes due." } } }, "auth_ref": [] }, "ecd_PnsnAdjsPrrSvcCstMember": { "xbrltype": "domainItemType", "nsuri": "http://xbrl.sec.gov/ecd/2024", "localname": "PnsnAdjsPrrSvcCstMember", "presentation": ["http://xbrl.sec.gov/ecd/role/PvpDisclosure"], "lang": { "en-us": { "role": { "label": "Pension Adjustments Prior Service Cost [Member]", "terseLabel": "Pension Adjustments Prior Service Cost" } } }, "auth_ref": ["r1153"] }, "ecd_PnsnAdjsSvcCstMember": { "xbrltype": "domainItemType", "nsuri": "http://xbrl.sec.gov/ecd/2024", "localname": "PnsnAdjsSvcCstMember", "presentation": ["http://xbrl.sec.gov/ecd/role/PvpDisclosure"], "lang": { "en-us": { "role": { "label": "Pension Adjustments Service Cost [Member]", "terseLabel": "Pension Adjustments Service Cost" } } }, "auth_ref": ["r1197"] }, "ecd_PnsnBnftsAdjFnTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://xbrl.sec.gov/ecd/2024", "localname": "PnsnBnftsAdjFnTextBlock", "presentation": ["http://xbrl.sec.gov/ecd/role/PvpDisclosure"], "lang": { "en-us": { "role": { "label": "Pension Benefits Adjustments, Footnote [Text Block]", "terseLabel": "Pension Benefits Adjustments, Footnote" } } }, "auth_ref": ["r1152"] }, "us-gaap_PortionAtFairValueFairValueDisclosureMember": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "PortionAtFairValueFairValueDisclosureMember", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureDerivativesAndOtherFinancialInstrumentsScheduleOfCarryingValuesAndFairValuesOfOtherFinancialInstrument], "lang": { "en-us": { "role": { "axisDefault": "Portion at Fair Value Measurement [Member] [Default]", "terseLabel": "Fair Value Disclosure Item Amounts [Default]", "label": "Portion at Fair Value Measurement [Member]", "documentation": "Measured at fair value for financial reporting purposes." } } }, "auth_ref": ["r703"] }, "aa_PostClosureMaintenanceAndMonitoringPeriod": { "xbrltype": "durationItemType", "nsuri": "http://www.alcoa.com/20240630", "localname": "PostClosureMaintenanceAndMonitoringPeriod", "presentation": ["http://www.alcoa.com/20240630/role/DisclosureContingenciesAdditionalInformationDetail"], "lang": { "en-us": { "role": { "terseLabel": "Post-closure maintenance and monitoring period", "label": "Post Closure Maintenance And Monitoring Period", "documentation": "Post-closure maintenance and monitoring period." } } }, "auth_ref": [] }, "aa_PowerRelatedDerivativeMember": { "xbrltype": "domainItemType", "nsuri": "http://www.alcoa.com/20240630", "localname": "PowerRelatedDerivativeMember", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureDerivativesAndOtherFinancialInstrumentsAdditionalInformationDetail", "http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureDerivativesAndOtherFinancialInstrumentsScheduleOfFairValuesOfLevel3DerivativeInstrumentsRecordedAsAsse "http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureDerivativesAndOtherFinancialInstrumentsScheduleOfQuantitativeInformationForLevel3DerivativeContractsDeta "http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureDerivativesAndOtherFinancialInstrumentsScheduleOfReconciliationOfActivityForDerivativeContractsDetail"], "lang": { "en-us": { "role": { "terseLabel": "Power Contract [Member]", "label": "Power Related Derivative [Member]", "documentation": "Power Related Derivative [Member]." } } }, "auth_ref": [] }, "us-gaap_PrepaidExpenseAndOtherAssetsCurrent": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "PrepaidExpenseAndOtherAssetsCurrent", "crdr": "debit", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/StatementConsolidatedBalanceSheetUnaudited"], "lang": { "en-us": { "role": { "terseLabel": "Prepaid expenses and other current assets", "label": "Prepaid Expense and Other Assets, Current", "documentation": "Amount of asset related to consideration paid in advance for costs that provide economic benefits in future periods, and amount of other assets that are expected to be realized or consumed within one year or the normal operating cycle, if longer." } } }, "auth_ref": ["r1227"] }, "us-gaap_PrepaidExpensesAndOtherCurrentAssetsMember": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "PrepaidExpensesAndOtherCurrentAssetsMember", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/DisclosureAcquisitionsAndDivestituresAdditionalInformationDetail", "http://www.alcoa.com/20240630/taxonomy/role/DisclosureDebtAdditionalInformationDetail"], "lang": { "en-us": { "role": { "label": "Prepaid Expenses and Other Current Assets [Member]", "documentation": "Primary financial statement caption encompassing prepaid expenses and other current assets." } } }, "auth_ref": [] }, "aa_PrepaidGasTransmissionContract": { "xbrltype": "monetaryItemType", "nsuri": "http://www.alcoa.com/20240630", "localname": "PrepaidGasTransmissionContract", "crdr": "debit", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/DisclosureOtherFinancialInformationScheduleOfOtherNoncurrentAssetsDetail"], "lang": { "en-us": { "role": { "terseLabel": "Prepaid gas transmission contract", "label": "Prepaid Gas Transmission Contract", "documentation": "Prepaid Gas Transmission Contract." } } }, "auth_ref": [] }, "aa_PrepaidPensionCostNonCurrent": { "xbrltype": "monetaryItemType", "nsuri": "http://www.alcoa.com/20240630", "localname": "PrepaidPensionCostNonCurrent", "crdr": "debit", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/DisclosureOtherFinancialInformationScheduleOfOtherNoncurrentAssetsDetail"], "lang": { "en-us": { "role": { "terseLabel": "Prepaid pension benefit", "label": "Prepaid Pension Cost Non Current", "documentation": "Prepaid Pension Cost Non current." } } }, "auth_ref": [] }, "aa_PrepaidTaxAssetNoncurrent": { "xbrltype": "monetaryItemType", "nsuri": "http://www.alcoa.com/20240630", "localname": "PrepaidTaxAssetNoncurrent", "crdr": "debit", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/DisclosureOtherFinancialInformationScheduleOfOtherNoncurrentAssetsDetail"], "lang": { "en-us": { "role": { "terseLabel": "Noncurrent prepaid tax asset", "label": "Prepaid Tax Asset Noncurrent", "documentation": "Prepaid tax asset noncurrent." } } }, "auth_ref": [] }, "us-gaap_ProceedsFromIssuanceOfFinancialServicesObligations": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ProceedsFromIssuanceOfFinancialServicesObligations", "crdr": "debit", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/DisclosureReceivablesAdditionalInformationDetail"], "lang": { "en-us": { "role": { "terseLabel": "Cash proceeds from financial institution", "label": "Proceeds from Issuance of Financial Services Obligations", "documentation": "The cash inflow from a long-term borrowing issued by the entity involved in financial services operations." } } }, "auth_ref": ["r34"] }, "us-gaap_ProceedsFromIssuanceOfLongTermDebt": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ProceedsFromIssuanceOfLongTermDebt", "crdr": "debit", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/DisclosureDebtAdditionalInformationDetail"], "lang": { "en-us": { "role": { "terseLabel": "Proceeds from issuance of public debt offering", "label": "Proceeds from Issuance of Long-Term Debt", "totalLabel": "Proceeds from Issuance of Long-Term Debt, Total", "documentation": "The cash inflow from a debt initially having maturity due after one year or beyond the operating cycle, if longer." } } }, "auth_ref": ["r34", "r879"] }, "us-gaap_ProceedsFromLongTermLinesOfCredit": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ProceedsFromLongTermLinesOfCredit", "crdr": "debit", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/DisclosureDebtAdditionalInformationDetail"], "lang": { "en-us": { "role": { "terseLabel": "Amounts borrowed under the credit facility", "label": "Proceeds from Long-Term Lines of Credit", "documentation": "The cash inflow from a contractual arrangement with the lender, including letter of credit, standby letter of credit and revolving credit arrangements, under which borrowings can be made up to a specific amount at any point in time with maturities due beyond one year or the operating cycle, if longer." } } }, "auth_ref": ["r34"] }, "us-gaap_ProceedsFromMinorityShareholders": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ProceedsFromMinorityShareholders", "crdr": "debit", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/StatementStatementOfConsolidatedCashFlowsUnaudited"], "lang": { "en-us": { "role": { "terseLabel": "Contributions from noncontrolling interest", "label": "Proceeds from Noncontrolling Interests", "documentation": "Amount of cash inflow from a noncontrolling interest. Includes, but is not limited to, purchase of additional shares or other increase in noncontrolling interest ownership." } } }, "auth_ref": ["r33"] }, "us-gaap_ProceedsFromPaymentsForOtherFinancingActivities": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ProceedsFromPaymentsForOtherFinancingActivities", "crdr": "debit", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/StatementStatementOfConsolidatedCashFlowsUnaudited"], "lang": { "en-us": { "role": { "terseLabel": "Other", "label": "Proceeds from (Payments for) Other Financing Activities", "documentation": "Amount of cash inflow (outflow) from financing activities classified as other." } } }, "auth_ref": ["r1208", "r1232"] }, "us-gaap_ProceedsFromSaleOfInvestmentProjects": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ProceedsFromSaleOfInvestmentProjects", "crdr": "debit", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/StatementStatementOfConsolidatedCashFlowsUnaudited"], "lang": { "en-us": { "role": { "terseLabel": "Sale of investments", "label": "Proceeds from Sale of Investment Projects", "documentation": "The cash inflow from the sale of investment projects held by an entity in hopes of getting a future return or interest from it." } } }, "auth_ref": ["r32"] }, "us-gaap_ProceedsFromSaleOfLongtermInvestments": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ProceedsFromSaleOfLongtermInvestments", "crdr": "debit", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureInvestmentsAdditionalInformationDetail"], "lang": { "en-us": { "role": { "terseLabel": "Proceeds from Sale of Long-term Investments", "label": "Proceeds from Sale of Long-Term Investments", "documentation": "The cash inflow from sales of all investments, including securities and other assets, having ready marketability and intended by management to be liquidated, if necessary, beyond the current operating cycle." } } }, "auth_ref": ["r1207"] }, "us-gaap_ProceedsFromSaleOfPropertyPlantAndEquipment": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ProceedsFromSaleOfPropertyPlantAndEquipment", "crdr": "debit", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/StatementStatementOfConsolidatedCashFlowsUnaudited"], "lang": { "en-us": { "role": { "terseLabel": "Proceeds from the sale of assets", "label": "Proceeds from Sale of Property, Plant, and Equipment", "totalLabel": "Proceeds from Sale of Property, Plant, and Equipment, Total", "documentation": "The cash inflow from the sale of long-lived, physical assets that are used in the normal conduct of business to produce goods and services and not intended for resale." } } }, "auth_ref": ["r129"] }, "us-gaap_ProceedsFromStockOptionsExercised": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ProceedsFromStockOptionsExercised", "crdr": "debit", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/StatementStatementOfConsolidatedCashFlowsUnaudited"], "lang": { "en-us": { "role": { "terseLabel": "Proceeds from the exercise of employee stock options", "label": "Proceeds from Stock Options Exercised", "documentation": "Amount of cash inflow from exercise of option under share-based payment arrangement." } } }, "auth_ref": ["r9", "r22"] }, "srt_ProductOrServiceAxis": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/srt/2024", "localname": "ProductOrServiceAxis", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureInvestmentsSummaryOfUnauditedFinancialInformationForAlcoaCorporationSEquityInvestmentsDetail", "http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureRestructuringAndOtherChargesNetAdditionalInformationDetail", "http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureSegmentInformationScheduleOfSalesByProductDivisionDetail"], "lang": { "en-us": { "role": { "terseLabel": "Product and Service", "label": "Product and Service [Axis]" } } }, "auth_ref": ["r310", "r771", "r856", "r857", "r858", "r859", "r860", "r861", "r862", "r1008", "r1046", "r1095", "r1096", "r1097", "r1100", "r1101", "r1294", "r1296", "r1305", "r1420", "r1424", "r1425", "r1426", "r1427", "r1428", "r1429", "r1430", "r1431", "r1432", "r1433", "r1434", "r1435", "r1436", "r1437", "r1438", "r1439", "r1440", "r1441", "r1442", "r1443", "r1444", "r1445", "r1446", "r1447", "r1448", "r1449", "r1450", "r1451"] }, "srt_ProductsAndServicesDomain": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/srt/2024", "localname": "ProductsAndServicesDomain", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureInvestmentsSummaryOfUnauditedFinancialInformationForAlcoaCorporationSEquityInvestmentsDetail",

"http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureRestructuringAndOtherChargesNetAdditionalInformationDetail",
"http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureSegmentInformationScheduleOfSalesByProductDivisionDetail"], "lang": { "en-us": { "role": { "terseLabel":
"Product and Service", "label": "Product and Service [Domain]" } } }, "auth_ref": ["r310", "r771", "r856", "r857", "r858", "r859", "r860", "r861", "r862", "r1008", "r1046",
"r1095", "r1096", "r1097", "r1100", "r1101", "r1294", "r1296", "r1305", "r1420", "r1424", "r1425", "r1426", "r1427", "r1428", "r1429", "r1430", "r1431", "r1432", "r1433",
"r1434", "r1435", "r1436", "r1437", "r1438", "r1439", "r1440", "r1441", "r1442", "r1443", "r1444", "r1445", "r1446", "r1447", "r1448", "r1449", "r1450", "r1451"] }, "us-
gaap_ProfitLoss": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ProfitLoss", "crdr": "credit", "presentation": [
"http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureInvestmentsSummaryOfUnauditedFinancialInformationForAlcoaCorporationSEquityInvestmentsDetail",
"http://www.alcoa.com/20240630/taxonomy/role/Role_StatementStatementOfChangesInConsolidatedEquityUnaudited",
"http://www.alcoa.com/20240630/taxonomy/role/Role_StatementStatementOfConsolidatedComprehensiveIncomeUnaudited",
"http://www.alcoa.com/20240630/taxonomy/role/StatementStatementOfConsolidatedCashFlowsUnaudited",
"http://www.alcoa.com/20240630/taxonomy/role/StatementStatementOfConsolidatedOperationsUnaudited1"], "lang": { "en-us": { "role": { "totalLabel": "Net income (loss)",
"terseLabel": "Net income (loss)", "verboseLabel": "Net loss", "label": "Net Income (Loss), Including Portion Attributable to Noncontrolling Interest", "documentation": "The
consolidated profit or loss for the period, net of income taxes, including the portion attributable to the noncontrolling interest." } } }, "auth_ref": ["r188", "r214", "r217",
"r231", "r236", "r244", "r252", "r255", "r359", "r440", "r441", "r443", "r444", "r445", "r446", "r447", "r449", "r450", "r636", "r645", "r647", "r650", "r651", "r677",
"r706", "r819", "r835", "r886", "r938", "r956", "r957", "r1065", "r1066", "r1111", "r1230", "r1300"] }, "us-gaap_PropertyPlantAndEquipmentGross": { "xbrltype":
"monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "PropertyPlantAndEquipmentGross", "crdr": "debit", "presentation": [
"http://www.alcoa.com/20240630/taxonomy/role/Role_StatementConsolidatedBalanceSheetUnaudited"], "lang": { "en-us": { "role": { "periodEndLabel": "Property, Plant and
Equipment, Gross, Ending Balance", "periodStartLabel": "Property, Plant and Equipment, Gross, Beginning Balance", "totalLabel": "Property, Plant and Equipment, Gross,
Total", "terseLabel": "Properties, plants, and equipment", "label": "Property, Plant and Equipment, Gross", "documentation": "Amount before accumulated depreciation,
depletion and amortization of physical assets used in the normal conduct of business and not intended for resale. Examples include, but are not limited to, land, buildings,
machinery and equipment, office equipment, and furniture and fixtures." } } }, "auth_ref": ["r141", "r192", "r832"] }, "us-gaap_PropertyPlantAndEquipmentNet": { "xbrltype":
"monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "PropertyPlantAndEquipmentNet", "crdr": "debit", "presentation": [
"http://www.alcoa.com/20240630/taxonomy/role/Role_StatementConsolidatedBalanceSheetUnaudited"], "lang": { "en-us": { "role": { "totalLabel": "Properties, plants, and
equipment, net", "label": "Property, Plant and Equipment, Net", "documentation": "Amount after accumulated depreciation, depletion and amortization of physical assets used
in the normal conduct of business to produce goods and services and not intended for resale. Examples include, but are not limited to, land, buildings, machinery and
equipment, office equipment, and furniture and fixtures." } } }, "auth_ref": ["r16", "r726", "r820", "r832", "r1081"] }, "aa_ProposedAdministrativePenalties": { "xbrltype":
"monetaryItemType", "nsuri": "http://www.alcoa.com/20240630", "localname": "ProposedAdministrativePenalties", "crdr": "debit", "presentation": [
"http://www.alcoa.com/20240630/taxonomy/role/DisclosureContingenciesAdditionalInformation1Detail", "lang": { "en-us": { "role": { "terseLabel": "Proposed administrative
penalties", "label": "Proposed Administrative Penalties", "documentation": "Proposed administrative penalties." } } }, "auth_ref": [] }, "ecd_PvpTable": { "xbrltype":
"stringItemType", "nsuri": "http://xbrl.sec.gov/ecd/2024", "localname": "PvpTable", "presentation": ["http://xbrl.sec.gov/ecd/role/PvpDisclosure"], "lang": { "en-us": { "role": {
"label": "Pay vs Performance Disclosure [Table]", "terseLabel": "Pay vs Performance Disclosure" } } }, "auth_ref": ["r1150"] }, "ecd_PvpTableTextBlock": { "xbrltype":
"textBlockItemType", "nsuri": "http://xbrl.sec.gov/ecd/2024", "localname": "PvpTableTextBlock", "presentation": ["http://xbrl.sec.gov/ecd/role/PvpDisclosure"], "lang": { "en-
us": { "role": { "label": "Pay vs Performance [Table Text Block]", "terseLabel": "Pay vs Performance Disclosure, Table" } } }, "auth_ref": ["r1150"] }, "srt_RangeAxis": {
"xbrltype": "stringItemType", "nsuri": "http://fasb.org/srt/2024", "localname": "RangeAxis", "presentation": [
"http://www.alcoa.com/20240630/taxonomy/role/DisclosureAcquisitionsAndDivestituresAdditionalInformationDetail",
"http://www.alcoa.com/20240630/taxonomy/role/DisclosureContingenciesAdditionalInformation1Detail",
"http://www.alcoa.com/20240630/taxonomy/role/DisclosureContingenciesAdditionalInformationDetail",
"http://www.alcoa.com/20240630/taxonomy/role/DisclosureDebtAdditionalInformationDetail",
"http://www.alcoa.com/20240630/taxonomy/role/DisclosureReceivablesAdditionalInformationDetail",
"http://www.alcoa.com/20240630/taxonomy/role/DisclosureSupplierFinanceProgramsAdditionalInformationDetail",
"http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureDerivativesAndOtherFinancialInstrumentsAdditionalInformationDetail",
"http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureDerivativesAndOtherFinancialInstrumentsScheduleOfQuantitativeInformationForLevel3DerivativeContractsDeta
], "lang": { "en-us": { "role": { "terseLabel": "Statistical Measurement", "label": "Statistical Measurement [Axis]" }, "auth_ref": ["r432", "r433", "r435", "r436", "r512",
"r567", "r598", "r599", "r600", "r602", "r683", "r745", "r754", "r770", "r863", "r865", "r877", "r908", "r909", "r962", "r964", "r966", "r967", "r984", "r1004", "r1005", "r1030",
"r1045", "r1063", "r1073", "r1074", "r1078", "r1079", "r1096", "r1104", "r1284", "r1304", "r1384", "r1406", "r1407", "r1408", "r1409", "r1410"] }, "srt_RangeMember": {
"xbrltype": "domainItemType", "nsuri": "http://fasb.org/srt/2024", "localname": "RangeMember", "presentation": [
"http://www.alcoa.com/20240630/taxonomy/role/DisclosureAcquisitionsAndDivestituresAdditionalInformationDetail",
"http://www.alcoa.com/20240630/taxonomy/role/DisclosureContingenciesAdditionalInformation1Detail",
"http://www.alcoa.com/20240630/taxonomy/role/DisclosureContingenciesAdditionalInformationDetail",
"http://www.alcoa.com/20240630/taxonomy/role/DisclosureDebtAdditionalInformationDetail",
"http://www.alcoa.com/20240630/taxonomy/role/DisclosureReceivablesAdditionalInformationDetail",
"http://www.alcoa.com/20240630/taxonomy/role/DisclosureSupplierFinanceProgramsAdditionalInformationDetail",
"http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureDerivativesAndOtherFinancialInstrumentsAdditionalInformationDetail",
"http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureDerivativesAndOtherFinancialInstrumentsScheduleOfQuantitativeInformationForLevel3DerivativeContractsDeta
], "lang": { "en-us": { "role": { "terseLabel": "Statistical Measurement", "label": "Statistical Measurement [Domain]" } } }, "auth_ref": ["r432", "r433", "r435", "r436", "r512",
"r567", "r598", "r599", "r600", "r602", "r683", "r745", "r754", "r770", "r863", "r865", "r877", "r908", "r909", "r962", "r964", "r966", "r967", "r984", "r1004", "r1005", "r1030",
"r1045", "r1063", "r1073", "r1074", "r1078", "r1079", "r1096", "r1104", "r1284", "r1304", "r1384", "r1406", "r1407", "r1408", "r1409", "r1410"] }, "us-
gaap_RealEstatePropertiesAxis": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "RealEstatePropertiesAxis", "presentation": [
"http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureRestructuringAndOtherChargesNetAdditionalInformationDetail", "lang": { "en-us": { "role": { "terseLabel":
"Real Estate Property Ownership", "label": "Real Estate Property Ownership [Axis]", "documentation": "Information by ownership of the property." } } }, "auth_ref": [] }, "us-
gaap_RealEstatePropertiesDomain": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "RealEstatePropertiesDomain", "presentation": [
"http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureRestructuringAndOtherChargesNetAdditionalInformationDetail"], "lang": { "en-us": { "role": { "terseLabel":
"Real Estate Properties", "label": "Real Estate Properties [Domain]", "documentation": "Represents categories of ownership of real estate properties." } } }, "auth_ref": [] },
"us-gaap_ReceivablesAbstract": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ReceivablesAbstract", "lang": { "en-us": { "role": {
"label": "Receivables [Abstract]" } } }, "auth_ref": [] }, "aa_ReceivablesPurchaseAgreement": { "xbrltype": "monetaryItemType", "nsuri": "http://www.alcoa.com/20240630",
"localname": "ReceivablesPurchaseAgreement", "crdr": "debit", "presentation": [
"http://www.alcoa.com/20240630/taxonomy/role/DisclosureReceivablesAdditionalInformationDetail"], "lang": { "en-us": { "role": { "terseLabel": "Receivables previously
secured by credit facility", "label": "Receivables Purchase Agreement", "documentation": "Reflects the maximum aggregate revolving value of trade receivables which can be
sold." } } }, "auth_ref": [] }, "aa_ReceivablesPurchaseAgreementMember": { "xbrltype": "domainItemType", "nsuri": "http://www.alcoa.com/20240630", "localname":
"ReceivablesPurchaseAgreementMember", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/DisclosureReceivablesAdditionalInformationDetail"], "lang": {
"en-us": { "role": { "terseLabel": "Receivables Purchase Agreement [Member]", "label": "Receivables Purchase Agreement Member", "documentation": "Receivables purchase
agreement." } } }, "auth_ref": [] }, "aa_ReceivablesPurchaseAgreementTransferredAmount": { "xbrltype": "monetaryItemType", "nsuri": "http://www.alcoa.com/20240630",
"localname": "ReceivablesPurchaseAgreementTransferredAmount", "crdr": "credit", "presentation": [
"http://www.alcoa.com/20240630/taxonomy/role/DisclosureReceivablesAdditionalInformationDetail"], "lang": { "en-us": { "role": { "documentation": "Receivables purchase
agreement transferred amount.", "label": "Receivables Purchase Agreement Transferred Amount", "terseLabel": "Amount decrease on receivables can be transferred" } } },
"auth_ref": [] }, "ecd_RecoveryOfErrCompDisclosureLineItems": { "xbrltype": "stringItemType", "nsuri": "http://xbrl.sec.gov/ecd/2024", "localname":
"RecoveryOfErrCompDisclosureLineItems", "lang": { "en-us": { "role": { "label": "Recovery of Erroneously Awarded Compensation Disclosure [Line Items]", "terseLabel":
"Recovery of Erroneously Awarded Compensation Disclosure" } } }, "auth_ref": ["r1118", "r1128", "r1138", "r1170"] }, "us-gaap_RegulatoryAssetAxis": { "xbrltype":
"stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "RegulatoryAssetAxis", "presentation": [
"http://www.alcoa.com/20240630/taxonomy/role/DisclosureAssetRetirementObligationsAdditionalInformationDetail"], "lang": { "en-us": { "role": { "label": "Regulatory Asset
[Axis]", "documentation": "Information by type of regulatory asset." } } }, "auth_ref": ["r94", "r95", "r167"] }, "us-gaap_RegulatoryAssetDomain": { "xbrltype":
"domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "RegulatoryAssetDomain", "presentation": [
"http://www.alcoa.com/20240630/taxonomy/role/DisclosureAssetRetirementObligationsAdditionalInformationDetail"], "lang": { "en-us": { "role": { "label": "Regulatory Asset
[Domain]", "documentation": "Rate action of a regulator resulting in capitalization of costs incurred." } } }, "auth_ref": ["r167"] },
"aa_ReinvestedCollectionFromPreviouslySoldReceivables": { "xbrltype": "monetaryItemType", "nsuri": "http://www.alcoa.com/20240630", "localname":
"ReinvestedCollectionFromPreviouslySoldReceivables", "crdr": "debit", "presentation": [
"http://www.alcoa.com/20240630/taxonomy/role/DisclosureReceivablesAdditionalInformationDetail"], "lang": { "en-us": { "role": { "terseLabel": "Reinvested collections from
previously sold receivables", "label": "Reinvested Collection From Previously Sold Receivables", "documentation": "Reinvested collection from previously sold receivables." } }
}, "auth_ref": [] }, "us-gaap_RelatedPartyDomain": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "RelatedPartyDomain",
"presentation": ["http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureSegmentInformationScheduleOfOperatingResultsOfAlcoaSReportableSegmentsDetail"],
"lang": { "en-us": { "role": { "terseLabel": "Related Party", "label": "Related and Nonrelated Parties [Domain]", "documentation": "Related and nonrelated parties. Related
party includes, but is not limited to, affiliate, other entity for which investment is accounted for under equity method, trust for benefit of employee, principal owner,
management, and member of immediate family, and other party that may be prevented from pursuing separate interests because of control, significant influence, or
ownership interest." } } }, "auth_ref": ["r318", "r539", "r733", "r734", "r823", "r830", "r911", "r912", "r913", "r914", "r915", "r935", "r937", "r961"] }, "us-
gaap_RelatedPartyTransactionsByRelatedPartyAxis": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname":
"RelatedPartyTransactionsByRelatedPartyAxis", "presentation": [
"http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureSegmentInformationScheduleOfOperatingResultsOfAlcoaSReportableSegmentsDetail"], "lang": { "en-us": {
"role": { "terseLabel": "Related Party", "label": "Related and Nonrelated Parties [Axis]", "documentation": "Information by related and nonrelated parties. Related party
includes, but is not limited to, affiliate, other entity for which investment is accounted for under equity method, trust for benefit of employee, principal owner, management,
and member of immediate family, and other party that may be prevented from pursuing separate interests because of control, significant influence, or ownership interest." } }
}, "auth_ref": ["r318", "r539", "r733", "r734", "r823", "r830", "r911", "r912", "r913", "r914", "r915", "r935", "r937", "r961", "r1402"] },
"aa_RemediationAtPreviouslyClosedSitesMember": { "xbrltype": "domainItemType", "nsuri": "http://www.alcoa.com/20240630", "localname":
"RemediationAtPreviouslyClosedSitesMember", "presentation": [
"http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureRestructuringAndOtherChargesNetAdditionalInformationDetail"], "lang": { "en-us": { "role": {
"documentation": "Remediation at previously closed sites.", "label": "Remediation At Previously Closed Sites [Member]", "terseLabel": "Remediation at Previously Closed Sites
[Member]" } } }, "auth_ref": [] }, "us-gaap_RepaymentsOfLongTermDebt": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname":
"RepaymentsOfLongTermDebt", "crdr": "credit", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/StatementStatementOfConsolidatedCashFlowsUnaudited"],
"lang": { "en-us": { "role": { "negatedLabel": "Payments on debt", "label": "Repayments of Long-Term Debt", "totalLabel": "Repayments of Long-Term Debt, Total",
"documentation": "The cash outflow for debt initially having maturity due after one year or beyond the normal operating cycle, if longer." } } }, "auth_ref": ["r133", "r882"] },
"us-gaap_RepaymentsOfLongTermLinesOfCredit": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname":
"RepaymentsOfLongTermLinesOfCredit", "crdr": "credit", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/DisclosureDebtAdditionalInformationDetail"],
"lang": { "en-us": { "role": { "terseLabel": "Amounts repaid under the credit facility", "label": "Repayments of Long-Term Lines of Credit", "documentation": "The cash outflow
for the settlement of obligation drawn from a contractual arrangement with the lender, including letter of credit, standby letter of credit and revolving credit arrangements,
under which borrowings can be made up to a specific amount at any point in time with maturities due beyond one year or the operating cycle, if longer." } } }, "auth_ref": [

"r133" } }, "aa_RepurchaseOfInventoryRelatedToAgreement": { "xbrltype": "monetaryItemType", "nsuri": "http://www.alcoa.com/20240630", "localname": "RepurchaseOfInventoryRelatedToAgreement", "crdr": "debit", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/DisclosureDebtAdditionalInformationDetail"], "lang": { "en-us": { "role": { "terseLabel": "Repurchase of inventory related to agreement", "label": "Repurchase of Inventory Related to Agreement", "documentation": "Repurchase of inventory related to agreement." } } }, "auth_ref": [] }, "us-gaap_ResearchAndDevelopmentExpense": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ResearchAndDevelopmentExpense", "crdr": "debit", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/StatementStatementOfConsolidatedOperationsUnaudited1"], "lang": { "en-us": { "role": { "terseLabel": "Research and development expenses", "label": "Research and Development Expense", "totalLabel": "Research and Development Expense, Total", "documentation": "Amount of expense for research and development. Includes, but is not limited to, cost for computer software product to be sold, leased, or otherwise marketed and writeoff of research and development assets acquired in transaction other than business combination or joint venture formation or both. Excludes write-down of intangible asset acquired in business combination or from joint venture formation or both, used in research and development activity." } } }, "auth_ref": ["r603", "r1006", "r1025", "r1411"] }, "aa_ReserveForFinancialContributionsForDivestitureOfBusinesses": { "xbrltype": "monetaryItemType", "nsuri": "http://www.alcoa.com/20240630", "localname": "ReserveForFinancialContributionsForDivestitureOfBusinesses", "crdr": "credit", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/DisclosureAcquisitionsAndDivestituresAdditionalInformationDetail"], "lang": { "en-us": { "role": { "terseLabel": "Reserve for divestiture", "label": "Reserve For Financial Contributions For Divestiture Of Businesses", "documentation": "Reserve for financial contributions for divestiture of businesses." } } }, "auth_ref": [] }, "aa_RestartCosts": { "xbrltype": "monetaryItemType", "nsuri": "http://www.alcoa.com/20240630", "localname": "RestartCosts", "crdr": "debit", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureRestructuringAndOtherChargesNetAdditionalInformationDetail"], "lang": { "en-us": { "role": { "documentation": "Restart costs.", "label": "Restart Costs", "terseLabel": "Restart costs" } } }, "auth_ref": [] }, "ecd_RestatementDateAxis": { "xbrltype": "stringItemType", "nsuri": "http://xbrl.sec.gov/ecd/2024", "localname": "RestatementDateAxis", "presentation": ["http://xbrl.sec.gov/ecd/role/ErrCompDisclosure"], "lang": { "en-us": { "role": { "label": "Restatement Determination Date [Axis]", "terseLabel": "Restatement Determination Date:" } } }, "auth_ref": ["r1119", "r1129", "r1139", "r1171"] }, "ecd_RestatementDeterminationDate": { "xbrltype": "dateItemType", "nsuri": "http://xbrl.sec.gov/ecd/2024", "localname": "RestatementDeterminationDate", "presentation": ["http://xbrl.sec.gov/ecd/role/ErrCompDisclosure"], "lang": { "en-us": { "role": { "label": "Restatement Determination Date", "terseLabel": "Restatement Determination Date" } } }, "auth_ref": ["r1120", "r1130", "r1140", "r1172"] }, "ecd_RestatementDoesNotRequireRecoveryTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://xbrl.sec.gov/ecd/2024", "localname": "RestatementDoesNotRequireRecoveryTextBlock", "presentation": ["http://xbrl.sec.gov/ecd/role/ErrCompDisclosure"], "lang": { "en-us": { "role": { "label": "Restatement Does Not Require Recovery [Text Block]", "terseLabel": "Restatement does not require Recovery" } } }, "auth_ref": ["r1127", "r1137", "r1147", "r1179"] }, "us-gaap_RestrictedCash": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "RestrictedCash", "crdr": "debit", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureDerivativesAndOtherFinancialInstrumentsScheduleOfCarryingValuesAndFairValuesOfOtherFinancialInstrument "http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureRestructuringAndOtherChargesNetAdditionalInformationDetail"], "lang": { "en-us": { "role": { "totalLabel": "Restricted Cash, Total", "terseLabel": "Restricted cash", "label": "Restricted Cash", "documentation": "Amount of cash restricted as to withdrawal or usage. Cash includes, but is not limited to, currency on hand, demand deposits with banks or financial institutions, and other accounts with general characteristics of demand deposits." } } }, "auth_ref": ["r1221", "r1236", "r1416", "r1419"] }, "us-gaap_RestrictedCashAndCashEquivalentsAtCarryingValue": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "RestrictedCashAndCashEquivalentsAtCarryingValue", "crdr": "debit", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/DisclosureOtherFinancialInformationScheduleOfCashAndCashEquivalentsAndRestrictedCashDetail"], "lang": { "en-us": { "role": { "terseLabel": "Current restricted cash", "label": "Restricted Cash and Cash Equivalents, Current", "totalLabel": "Restricted Cash and Cash Equivalents, Current, Total", "documentation": "Amount of cash and cash equivalents restricted as to withdrawal or usage, classified as current. Cash includes, but is not limited to, currency on hand, demand deposits with banks or financial institutions, and other accounts with general characteristics of demand deposits. Cash equivalents include, but are not limited to, short-term, highly liquid investments that are both readily convertible to known amounts of cash and so near their maturity that they present insignificant risk of changes in value because of changes in interest rates." } } }, "auth_ref": ["r35", "r191", "r234"] }, "us-gaap_RestrictedCashAndCashEquivalentsNoncurrent": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "RestrictedCashAndCashEquivalentsNoncurrent", "crdr": "debit", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/DisclosureOtherFinancialInformationScheduleOfCashAndCashEquivalentsAndRestrictedCashDetail"], "lang": { "en-us": { "role": { "terseLabel": "Noncurrent restricted cash", "label": "Restricted Cash and Cash Equivalents, Noncurrent", "totalLabel": "Restricted Cash and Cash Equivalents, Noncurrent, Total", "documentation": "Amount of cash and cash equivalents restricted as to withdrawal or usage, classified as noncurrent. Cash includes, but is not limited to, currency on hand, demand deposits with banks or financial institutions, and other accounts with general characteristics of demand deposits. Cash equivalents include, but are not limited to, short-term, highly liquid investments that are both readily convertible to known amounts of cash and so near their maturity that they present insignificant risk of changes in value because of changes in interest rates." } } }, "auth_ref": ["r35", "r173", "r234"] }, "us-gaap_RestrictedCashNoncurrent": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "RestrictedCashNoncurrent", "crdr": "debit", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/DisclosureOtherFinancialInformationScheduleOfOtherNoncurrentAssetsDetail"], "lang": { "en-us": { "role": { "terseLabel": "Noncurrent restricted cash", "label": "Restricted Cash, Noncurrent", "documentation": "Amount of cash restricted as to withdrawal or usage, classified as noncurrent. Cash includes, but is not limited to, currency on hand, demand deposits with banks or financial institutions, and other accounts with general characteristics of demand deposits." } } }, "auth_ref": ["r173", "r1222", "r1236"] }, "aa_RestructuringAndOtherCharges": { "xbrltype": "monetaryItemType", "nsuri": "http://www.alcoa.com/20240630", "localname": "RestructuringAndOtherCharges", "crdr": "debit", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/DisclosureSegmentInformationScheduleOfSegmentAdjustedEbitdaToConsolidatedNetIncomeLossAttributableToAlcoaCorporatic "http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureRestructuringAndOtherChargesNetAdditionalInformationDetail"], "lang": { "en-us": { "role": { "negatedLabel": "Restructuring and other charges, net (D)", "verboseLabel": "Restructuring and other charges, net", "terseLabel": "Restructuring and other charges, net (D)", "label": "Restructuring And Other Charges", "documentation": "Amount of expenses associated with exit or disposal activities pursuant to an authorized plan. Includes expenses related to certain asset retirement obligations." } } }, "auth_ref": [] }, "aa_RestructuringAndOtherChargesBenefitNet": { "xbrltype": "monetaryItemType", "nsuri": "http://www.alcoa.com/20240630", "localname": "RestructuringAndOtherChargesBenefitNet", "crdr": "debit", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureRestructuringAndOtherChargesNetAdditionalInformationDetail", "http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureRestructuringAndOtherChargesNetScheduleOfRestructuringAndOtherChargesNetByReportableSegmentsPretax "http://www.alcoa.com/20240630/taxonomy/role/StatementStatementOfConsolidatedCashFlowsUnaudited", "http://www.alcoa.com/20240630/taxonomy/role/StatementStatementOfConsolidatedOperationsUnaudited1"], "lang": { "en-us": { "role": { "negatedLabel": "Restructuring and other charges, net (D)", "verboseLabel": "Restructuring and other charges, net", "terseLabel": "Restructuring and other charges, net (D)", "label": "Restructuring and Other Charges Benefit Net", "documentation": "Restructuring and other charges (benefit) net." } } }, "auth_ref": [] }, "aa_RestructuringAndOtherChargesMember": { "xbrltype": "domainItemType", "nsuri": "http://www.alcoa.com/20240630", "localname": "RestructuringAndOtherChargesMember", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/DisclosureAssetRetirementObligationsAdditionalInformationDetail", "http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureRestructuringAndOtherChargesNetAdditionalInformationDetail"], "lang": { "en-us": { "role": { "documentation": "Restructuring and other charges.", "label": "Restructuring And Other Charges [Member]", "terseLabel": "Restructuring and Other Charges [Member]" } } }, "auth_ref": [] }, "aa_RestructuringAndOtherChargesNet": { "xbrltype": "monetaryItemType", "nsuri": "http://www.alcoa.com/20240630", "localname": "RestructuringAndOtherChargesNet", "crdr": "debit", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureRestructuringAndOtherChargesNetActivityAndReserveBalancesForRestructuringChargesDetail"], "lang": { "en-us": { "role": { "terseLabel": "Restructuring and other charges, net", "label": "Restructuring And Other Charges Net", "documentation": "Restructuring and other charges net." } } }, "auth_ref": [] }, "us-gaap_RestructuringAndRelatedActivitiesAbstract": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "RestructuringAndRelatedActivitiesAbstract", "lang": { "en-us": { "role": { "label": "Restructuring and Related Activities [Abstract]" } } }, "auth_ref": [] }, "us-gaap_RestructuringAndRelatedActivitiesDisclosureTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "RestructuringAndRelatedActivitiesDisclosureTextBlock", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureRestructuringAndOtherChargesNet"], "lang": { "en-us": { "role": { "terseLabel": "Restructuring and Other Charges, Net", "label": "Restructuring and Related Activities Disclosure [Text Block]", "documentation": "The entire disclosure for restructuring and related activities. Description of restructuring activities such as exit and disposal activities, include facts and circumstances leading to the plan, the expected plan completion date, the major types of costs associated with the plan activities, total expected costs, the accrual balance at the end of the period, and the periods over which the remaining accrual will be settled." } } }, "auth_ref": ["r417", "r418", "r420", "r423", "r428"] }, "us-gaap_RestructuringAndRelatedCostNumberOfPositionsEliminated": { "xbrltype": "integerItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "RestructuringAndRelatedCostNumberOfPositionsEliminated", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureRestructuringAndOtherChargesNetAdditionalInformationDetail"], "lang": { "en-us": { "role": { "terseLabel": "Number of employees associated with employee termination and severance costs", "label": "Restructuring and Related Cost, Number of Positions Eliminated", "documentation": "The number of positions eliminated during the period as a result of restructuring activities." } } }, "auth_ref": [] }, "us-gaap_RestructuringCharges": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "RestructuringCharges", "crdr": "debit", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureRestructuringAndOtherChargesNetAdditionalInformationDetail"], "lang": { "en-us": { "role": { "totalLabel": "Restructuring Charges, Total", "label": "Restructuring Charges", "terseLabel": "Restructuring charge", "documentation": "Amount of expenses associated with exit or disposal activities pursuant to an authorized plan. Excludes expenses related to a discontinued operation or an asset retirement obligation." } } }, "auth_ref": ["r15", "r424", "r425", "r1287"] }, "us-gaap_RestructuringCostAndReserveAxis": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "RestructuringCostAndReserveAxis", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/DisclosureContingenciesAdditionalInformationDetail", "http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureRestructuringAndOtherChargesNetActivityAndReserveBalancesForRestructuringChargesDetail", "http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureRestructuringAndOtherChargesNetAdditionalInformationDetail"], "lang": { "en-us": { "role": { "terseLabel": "Restructuring Type", "label": "Restructuring Type [Axis]", "documentation": "Information by type of restructuring cost." } } }, "auth_ref": ["r419", "r420", "r425", "r426"] }, "us-gaap_RestructuringCostAndReserveLineItems": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "RestructuringCostAndReserveLineItems", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureRestructuringAndOtherChargesNetActivityAndReserveBalancesForRestructuringChargesDetail", "http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureRestructuringAndOtherChargesNetAdditionalInformationDetail", "http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureRestructuringAndOtherChargesNetScheduleOfRestructuringAndOtherChargesNetByReportableSegmentsPretax], "lang": { "en-us": { "role": { "terseLabel": "Restructuring Cost and Reserve [Line Items]", "label": "Restructuring Cost and Reserve [Line Items]", "documentation": "Line items represent financial concepts included in a table. These concepts are used to disclose reportable information associated with domain members defined in one or many axes to the table." } } }, "auth_ref": ["r419", "r420", "r421", "r422", "r425", "r426", "r427"] }, "us-gaap_RestructuringPlanAxis": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "RestructuringPlanAxis", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/DisclosureContingenciesAdditionalInformation1Detail"], "lang": { "en-us": { "role": { "terseLabel": "Restructuring Plan", "label": "Restructuring Plan [Axis]", "documentation": "Information by individual restructuring plan." } } }, "auth_ref": [] }, "us-gaap_RestructuringPlanDomain": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "RestructuringPlanDomain", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/DisclosureContingenciesAdditionalInformation1Detail"], "lang": { "en-us": { "role": { "terseLabel": "Restructuring Plan", "label": "Restructuring Plan [Domain]", "documentation": "Identification of the individual restructuring plans." } } }, "auth_ref": [] }, "us-gaap_RestructuringReserve": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "RestructuringReserve", "crdr": "credit", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureRestructuringAndOtherChargesNetActivityAndReserveBalancesForRestructuringChargesDetail"], "lang": { "en-us": { "role": { "totalLabel": "Restructuring Reserve, Total", "periodStartLabel": "Restructuring reserve beginning balance", "periodEndLabel": "Restructuring reserve ending balance", "label": "Restructuring Reserve", "documentation": "Carrying amount (including both current and noncurrent portions of the accrual) as of the balance sheet date pertaining to a specified type of cost associated with exit from or disposal of business activities or restructuring pursuant to a duly authorized plan." } } }, "auth_ref": ["r420", "r426"] }, "us-gaap_RestructuringReserveNoncurrent": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "RestructuringReserveNoncurrent", "crdr": "credit", "presentation": [

"http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureRestructuringAndOtherChargesNetAdditionalInformationDetail"], "lang": { "en-us": { "role": { "verboseLabel": "Noncurrent portion of the reserve", "label": "Restructuring Reserve, Noncurrent", "documentation": "Carrying amount as of the balance sheet date of known and estimated costs associated with exit from or disposal of business activities or restructurings pursuant to a duly authorized plan, which are expected to be paid after one year or beyond the next operating cycle, if longer. Costs of such activities include those for one-time termination benefits, termination of an operating lease or other contract, consolidating or closing facilities, and relocating employees, and costs associated with an ongoing benefit arrangement, but excludes costs associated with the retirement of a long-lived asset." } } }, "auth_ref": ["r1224", "r1288", "r1289"] }, "us-gaap_RestructuringReserveTranslationAndOtherAdjustment": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "RestructuringReserveTranslationAndOtherAdjustment", "crdr": "credit", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureRestructuringAndOtherChargesNetActivityAndReserveBalancesForRestructuringChargesDetail"], "lang": { "en-us": { "role": { "negatedLabel": "Reversals and other", "label": "Restructuring Reserve, Translation and Other Adjustment", "documentation": "Amount of increase (decrease) in the restructuring reserve related to foreign currency translation (gain) loss and other increases (decreases)." } } }, "auth_ref": ["r142", "r1288"] }, "us-gaap_RetainedEarningsAccumulatedDeficit": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "RetainedEarningsAccumulatedDeficit", "crdr": "credit", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/Role_StatementConsolidatedBalanceSheetUnaudited"], "lang": { "en-us": { "role": { "terseLabel": "Accumulated deficit", "label": "Retained Earnings (Accumulated Deficit)", "totalLabel": "Retained Earnings (Accumulated Deficit), Total", "documentation": "Amount of accumulated undistributed earnings (deficit)." } } }, "auth_ref": ["r111", "r147", "r827", "r872", "r876", "r883", "r919", "r1081"] }, "us-gaap_RetainedEarningsMember": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "RetainedEarningsMember", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/Role_StatementStatementOfChangesInConsolidatedEquityUnaudited"], "lang": { "en-us": { "role": { "terseLabel": "Accumulated Deficit [Member]", "label": "Retained Earnings [Member]", "documentation": "Accumulated undistributed earnings (deficit)." } } }, "auth_ref": ["r183", "r239", "r240", "r241", "r245", "r252", "r254", "r256", "r364", "r370", "r403", "r619", "r620", "r631", "r632", "r633", "r637", "r644", "r645", "r662", "r664", "r665", "r668", "r675", "r723", "r725", "r869", "r871", "r887", "r1454"] }, "us-gaap_RetirementPlanNameAxis": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "RetirementPlanNameAxis", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/DisclosurePensionAndOtherPostretirementBenefitsSummaryOfInformationInCurtailmentOrSettlementOfBenefitsRequiringRem "http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosurePensionAndOtherPostretirementBenefitsAdditionalInformationDetail"], "lang": { "en-us": { "role": { "label": "Retirement Plan Name [Axis]", "documentation": "Information by name of plan designed to provide retirement benefits. Includes, but is not limited to, legal name of defined benefit and defined contribution plans." } } }, "auth_ref": ["r564", "r565", "r566", "r567", "r568", "r569", "r570", "r571", "r572", "r1063", "r1209", "r1307", "r1308", "r1309", "r1310", "r1311", "r1312", "r1313", "r1314", "r1315", "r1316", "r1317", "r1318", "r1319", "r1320", "r1321", "r1322", "r1323", "r1324", "r1325", "r1326", "r1327", "r1328", "r1329", "r1330", "r1331", "r1332", "r1333", "r1334", "r1335", "r1336", "r1337", "r1338", "r1339", "r1340", "r1341", "r1342", "r1343", "r1344", "r1345", "r1346", "r1347", "r1348", "r1349", "r1350", "r1351", "r1352", "r1353", "r1354", "r1355", "r1356", "r1357", "r1358", "r1359", "r1360", "r1361", "r1362", "r1363", "r1364", "r1365"] }, "us-gaap_RetirementPlanNameDomain": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "RetirementPlanNameDomain", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/DisclosurePensionAndOtherPostretirementBenefitsSummaryOfInformationInCurtailmentOrSettlementOfBenefitsRequiringRem "http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosurePensionAndOtherPostretirementBenefitsAdditionalInformationDetail"], "lang": { "en-us": { "role": { "label": "Retirement Plan Name [Domain]", "documentation": "Name of plan designed to provide retirement benefits. Includes, but is not limited to, legal name of defined benefit and defined contribution plans." } } }, "auth_ref": ["r564", "r565", "r566", "r567", "r568", "r569", "r570", "r571", "r572", "r1063", "r1209", "r1307", "r1308", "r1309", "r1310", "r1311", "r1312", "r1313", "r1314", "r1315", "r1316", "r1317", "r1318", "r1319", "r1320", "r1321", "r1322", "r1323", "r1324", "r1325", "r1326", "r1327", "r1328", "r1329", "r1330", "r1331", "r1332", "r1333", "r1334", "r1335", "r1336", "r1337", "r1338", "r1339", "r1340", "r1341", "r1342", "r1343", "r1344", "r1345", "r1346", "r1347", "r1348", "r1349", "r1350", "r1351", "r1352", "r1353", "r1354", "r1355", "r1356", "r1357", "r1358", "r1359", "r1360", "r1361", "r1362", "r1363", "r1364", "r1365", "r1366"] }, "us-gaap_RetirementPlanSponsorLocationAxis": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "RetirementPlanSponsorLocationAxis", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosurePensionAndOtherPostretirementBenefitsAdditionalInformationDetail"], "lang": { "en-us": { "role": { "terseLabel": "Retirement Plan Sponsor Location", "label": "Retirement Plan Sponsor Location [Axis]", "documentation": "Information by location of employer sponsoring plan designed to provide retirement benefits. Includes, but is not limited to, defined benefit and defined contribution plans." } } }, "auth_ref": ["r491", "r492", "r493", "r494", "r495", "r496", "r497", "r498", "r499", "r500", "r501", "r502", "r503", "r504", "r505", "r506", "r507", "r508", "r509", "r510", "r511", "r512", "r513", "r515", "r516", "r517", "r518", "r519", "r520", "r521", "r522", "r523", "r524", "r525", "r526", "r527", "r528", "r529", "r530", "r531", "r532", "r533", "r534", "r535", "r536", "r537", "r539", "r542", "r546", "r547", "r548", "r549", "r550", "r551", "r552", "r553", "r554", "r555", "r556", "r557", "r558", "r1367", "r1368", "r1369"] }, "us-gaap_RetirementPlanSponsorLocationDomain": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "RetirementPlanSponsorLocationDomain", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosurePensionAndOtherPostretirementBenefitsAdditionalInformationDetail"], "lang": { "en-us": { "role": { "terseLabel": "Retirement Plan Sponsor Location", "label": "Retirement Plan Sponsor Location [Domain]", "documentation": "Location of employer sponsoring plan designed to provide retirement benefits. Includes, but is not limited to, defined benefit and defined contribution plans." } } }, "auth_ref": ["r491", "r492", "r493", "r494", "r495", "r496", "r497", "r498", "r499", "r500", "r501", "r502", "r503", "r504", "r505", "r506", "r507", "r508", "r509", "r510", "r511", "r512", "r513", "r515", "r516", "r517", "r518", "r519", "r520", "r521", "r522", "r523", "r524", "r525", "r526", "r527", "r528", "r529", "r530", "r531", "r532", "r533", "r534", "r535", "r536", "r537", "r539", "r542", "r546", "r547", "r548", "r549", "r550", "r551", "r552", "r553", "r554", "r555", "r556", "r557", "r558", "r1367", "r1368", "r1369"] }, "us-gaap_RetirementPlanTypeAxis": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "RetirementPlanTypeAxis", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosurePensionAndOtherPostretirementBenefitsComponentsOfNetPeriodicBenefitCostDetail", "http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureRestructuringAndOtherChargesNetAdditionalInformationDetail"], "lang": { "en-us": { "role": { "terseLabel": "Retirement Plan Type", "label": "Retirement Plan Type [Axis]", "documentation": "Information by type of retirement benefit plan. Includes, but is not limited to, retirement benefit arrangement for defined benefit pension and other postretirement plans, retirement benefit arrangement for defined contribution pension and other postretirement plans, and special and contractual termination benefits payable upon retirement." } } }, "auth_ref": ["r488", "r491", "r492", "r493", "r494", "r495", "r496", "r497", "r498", "r499", "r500", "r501", "r502", "r503", "r504", "r505", "r506", "r507", "r508", "r509", "r510", "r511", "r512", "r513", "r515", "r516", "r517", "r518", "r519", "r520", "r521", "r522", "r523", "r524", "r525", "r526", "r527", "r528", "r529", "r530", "r531", "r532", "r533", "r534", "r536", "r537", "r539", "r542", "r545", "r549", "r550", "r551", "r552", "r553", "r554", "r555", "r556", "r557", "r558", "r561", "r562", "r563", "r573", "r1055", "r1056", "r1057", "r1058", "r1059", "r1060", "r1061", "r1062"] }, "us-gaap_RetirementPlanTypeDomain": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "RetirementPlanTypeDomain", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosurePensionAndOtherPostretirementBenefitsComponentsOfNetPeriodicBenefitCostDetail", "http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureRestructuringAndOtherChargesNetAdditionalInformationDetail"], "lang": { "en-us": { "role": { "terseLabel": "Retirement Plan Type", "label": "Retirement Plan Type [Domain]", "documentation": "Type of plan designed to provide participants with retirement benefits. Includes, but is not limited to, retirement benefit arrangement for defined benefit pension and other postretirement plans, retirement benefit arrangement for defined contribution pension and other postretirement plans, and special and contractual termination benefits payable upon retirement." } } }, "auth_ref": ["r488", "r491", "r492", "r493", "r494", "r495", "r496", "r497", "r498", "r499", "r500", "r501", "r502", "r503", "r504", "r505", "r506", "r507", "r508", "r509", "r510", "r511", "r512", "r513", "r515", "r516", "r517", "r518", "r519", "r520", "r521", "r522", "r523", "r524", "r525", "r526", "r527", "r528", "r529", "r530", "r531", "r532", "r533", "r534", "r536", "r537", "r539", "r542", "r545", "r549", "r550", "r551", "r552", "r553", "r554", "r555", "r556", "r557", "r558", "r561", "r562", "r563", "r573", "r1055", "r1056", "r1057", "r1058", "r1059", "r1060", "r1061", "r1062"] }, "us-gaap_RevenueFromContractWithCustomerExcludingAssessedTax": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "RevenueFromContractWithCustomerExcludingAssessedTax", "crdr": "credit", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureSegmentInformationScheduleOfSalesByProductDivisionDetail", "http://www.alcoa.com/20240630/taxonomy/role/StatementStatementOfConsolidatedOperationsUnaudited1"], "lang": { "en-us": { "role": { "verboseLabel": "Sales", "terseLabel": "Sales (E)", "label": "Revenue from Contract with Customer, Excluding Assessed Tax", "documentation": "Amount, excluding tax collected from customer, of revenue from satisfaction of performance obligation by transferring promised good or service to customer. Tax collected from customer is tax assessed by governmental authority that is both imposed on and concurrent with specific revenue-producing transaction, including, but not limited to, sales, use, value added and excise." } } }, "auth_ref": ["r168", "r169", "r276", "r285", "r286", "r301", "r307", "r310", "r312", "r314", "r485", "r486", "r771"] }, "us-gaap_RevenueFromContractWithCustomerIncludingAssessedTax": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "RevenueFromContractWithCustomerIncludingAssessedTax", "crdr": "credit", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureSegmentInformationScheduleOfOperatingResultsOfAlcoaSReportableSegmentsDetail"], "lang": { "en-us": { "role": { "totalLabel": "Total sales", "label": "Revenue from Contract with Customer, Including Assessed Tax", "documentation": "Amount, including tax collected from customer, of revenue from satisfaction of performance obligation by transferring promised good or service to customer. Tax collected from customer is tax assessed by governmental authority that is both imposed on and concurrent with specific revenue-producing transaction, including, but not limited to, sales, use, value-added and excise." } } }, "auth_ref": ["r168", "r169", "r276", "r285", "r286", "r301", "r307", "r310", "r312", "r314", "r485", "r486", "r771"] }, "us-gaap_RevenueFromContractWithCustomerProductAndServiceExtensibleList": { "xbrltype": "enumerationSetItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "RevenueFromContractWithCustomerProductAndServiceExtensibleList", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureDerivativesAndOtherFinancialInstrumentsScheduleOfReconciliationOfActivityForDerivativeContractsDetail"], "lang": { "en-us": { "role": { "label": "Revenue from Contract with Customer, Product and Service [Extensible Enumeration]", "documentation": "Indicates product and service for revenue from satisfaction of performance obligation by transferring promised product and service to customer." } } }, "auth_ref": ["r1046"] }, "us-gaap_Revenues": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "Revenues", "crdr": "credit", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/DisclosureInvestmentsSummaryOfUnauditedFinancialInformationForAlcoaCorporationSEquityInvestmentsDetail"], "lang": { "en-us": { "role": { "totalLabel": "Revenues, Total", "terseLabel": "Sales", "label": "Revenues", "documentation": "Amount of revenue recognized from goods sold, services rendered, insurance premiums, or other activities that constitute an earning process. Includes, but is not limited to, investment and interest income before deduction of interest expense when recognized as a component of revenue, and sales and trading gain (loss)." } } }, "auth_ref": ["r168", "r169", "r222", "r236", "r276", "r285", "r286", "r301", "r307", "r310", "r312", "r314", "r359", "r440", "r441", "r443", "r444", "r445", "r446", "r447", "r449", "r450", "r706", "r819", "r1025", "r1300"] }, "aa_ReversedAllowanceWithCreditOfRestructuringAndOtherChargesNet": { "xbrltype": "monetaryItemType", "nsuri": "http://www.alcoa.com/20240630", "localname": "ReversedAllowanceWithCreditOfRestructuringAndOtherChargesNet", "crdr": "debit", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/DisclosureOtherFinancialInformationAdditionalInformationDetails"], "lang": { "en-us": { "role": { "documentation": "Reversed the allowance with credit of restructuring and other charges, net.", "label": "Reversed Allowance With Credit Of Restructuring And Other Charges Net", "terseLabel": "Reversed the allowance with credit of restructuring and other charges, net" } } }, "auth_ref": [] }, "us-gaap_RevolvingCreditFacilityMember": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "RevolvingCreditFacilityMember", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/DisclosureDebtAdditionalInformationDetail"], "lang": { "en-us": { "role": { "terseLabel": "Revolving Credit Facility [Member]", "label": "Revolving Credit Facility [Member]", "documentation": "Arrangement in which loan proceeds can continuously be obtained following repayments, but the total amount borrowed cannot exceed a specified maximum amount." } } }, "auth_ref": [] }, "ecd_Rule10b51ArrAdoptedFlag": { "xbrltype": "booleanItemType", "nsuri": "http://xbrl.sec.gov/ecd/2024", "localname": "Rule10b51ArrAdoptedFlag", "presentation": ["http://xbrl.sec.gov/ecd/role/InsiderTradingArrangements"], "lang": { "en-us": { "role": { "label": "Rule 10b5-1 Arrangement Adopted [Flag]", "terseLabel": "Rule 10b5-1 Arrangement Adopted [Flag]" } } }, "auth_ref": [] }, "ecd_Rule10b51ArrTrmntdFlag": { "xbrltype": "booleanItemType", "nsuri": "http://xbrl.sec.gov/ecd/2024", "localname": "Rule10b51ArrTrmntdFlag", "presentation": ["http://xbrl.sec.gov/ecd/role/InsiderTradingArrangements"], "lang": { "en-us": { "role": { "label": "Rule 10b5-1 Arrangement Terminated [Flag]", "terseLabel": "Rule 10b5-1 Arrangement Terminated [Flag]" } } }, "auth_ref": ["r1188"] }, "country_SA": { "xbrltype": "domainItemType", "nsuri": "http://xbrl.sec.gov/country/2024", "localname": "SA", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureInvestmentsAdditionalInformationDetail"], "lang": { "en-us": { "role": { "terseLabel": "SAUDI ARABIA", "label": "SAUDI ARABIA" } } }, "auth_ref": [] }, "aa_SaleOfGrossCustomerReceivables": { "xbrltype": "monetaryItemType", "nsuri": "http://www.alcoa.com/20240630", "localname": "SaleOfGrossCustomerReceivables", "crdr": "debit", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/DisclosureReceivablesMembersAdditionalInformationDetail"], "lang": { "en-us": { "role": { "terseLabel": "Sale of gross customer receivables", "label": "Sale of Gross Customer Receivables", "documentation": "Sale of Gross Customer Receivables" } } }, "auth_ref": [] }, "us-gaap_SalesMember": {

"xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "SalesMember", "presentation": [
"http://www.alcoa.com/20240630/taxonomy/role/DisclosureAccumulatedOtherComprehensiveLossSummaryOfChangesInAccumulatedOtherComprehensiveLossIncomeByCompon
"http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureDerivativesAndOtherFinancialInstrumentsAdditionalInformationDetail",
"http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureDerivativesAndOtherFinancialInstrumentsScheduleOfReconciliationOfActivityForDerivativeContractsDetail"],
"lang": { "en-us": { "role": { "terseLabel": "Sales [Member]", "label": "Sales [Member]", "documentation": "Primary financial statement caption encompassing revenue from
sale of goods and services rendered in the normal course of business." } } }, "auth_ref": ["r25"] }, "aa_SanCiprianAluminumSmelterMember": { "xbrltype":
"domainItemType", "nsuri": "http://www.alcoa.com/20240630", "localname": "SanCiprianAluminumSmelterMember", "presentation": [
"http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureRestructuringAndOtherChargesNetAdditionalInformationDetail"], "lang": { "en-us": { "role": { "terseLabel":
"San Ciprian Aluminum Smelter [Member]", "label": "San Ciprian Aluminum Smelter [Member]", "documentation": "San Ciprian Aluminum Smelter." } } }, "auth_ref": [] },
"aa_SanCiprianFacilityMember": { "xbrltype": "domainItemType", "nsuri": "http://www.alcoa.com/20240630", "localname": "SanCiprianFacilityMember", "presentation": [
"http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureRestructuringAndOtherChargesNetAdditionalInformationDetail"], "lang": { "en-us": { "role": { "terseLabel":
"San Ciprian Facility [Member]", "label": "San Ciprian Facility [Member]", "documentation": "San ciprian facility." } } }, "auth_ref": [] }, "srt_ScenarioForecastMember": {
"xbrltype": "domainItemType", "nsuri": "http://fasb.org/srt/2024", "localname": "ScenarioForecastMember", "presentation": [
"http://www.alcoa.com/20240630/taxonomy/role/DisclosureContingenciesAdditionalInformationDetail",
"http://www.alcoa.com/20240630/taxonomy/role/DisclosureDebtAdditionalInformationDetail",
"http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosurePensionAndOtherPostretirementBenefitsAdditionalInformationDetail",
"http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureRestructuringAndOtherChargesNetAdditionalInformationDetail"], "lang": { "en-us": { "role": { "terseLabel":
"Forecast [Member]", "label": "Forecast [Member]" } } }, "auth_ref": ["r572", "r1245"] }, "srt_ScenarioUnspecifiedDomain": { "xbrltype": "domainItemType", "nsuri":
"http://fasb.org/srt/2024", "localname": "ScenarioUnspecifiedDomain", "presentation": [
"http://www.alcoa.com/20240630/taxonomy/role/DisclosureContingenciesAdditionalInformationDetail",
"http://www.alcoa.com/20240630/taxonomy/role/DisclosureDebtAdditionalInformationDetail",
"http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosurePensionAndOtherPostretirementBenefitsAdditionalInformationDetail",
"http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureRestructuringAndOtherChargesNetAdditionalInformationDetail"], "lang": { "en-us": { "role": { "terseLabel":
"Scenario", "label": "Scenario [Domain]" } } }, "auth_ref": ["r258", "r572", "r1202", "r1245"] }, "us-gaap_ScheduleOfAccountsNotesLoansAndFinancingReceivableTable": {
"xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ScheduleOfAccountsNotesLoansAndFinancingReceivableTable", "presentation": [
"http://www.alcoa.com/20240630/taxonomy/role/DisclosureReceivablesAdditionalInformationDetail"], "lang": { "en-us": { "role": { "label": "Accounts and Financing
Receivables [Table]", "documentation": "Disclosure of information about accounts and financing receivables. Includes, but is not limited to, amount of receivable and
allowance for credit loss." } } }, "auth_ref": ["r109", "r115", "r319", "r1260"] }, "us-gaap_ScheduleOfAccumulatedOtherComprehensiveIncomeLossTableTextBlock": {
"xbrltype": "textBlockItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ScheduleOfAccumulatedOtherComprehensiveIncomeLossTableTextBlock",
"presentation": ["http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureAccumulatedOtherComprehensiveLossTables"], "lang": { "en-us": { "role": { "terseLabel":
"Summary of Changes in Accumulated Other Comprehensive (Loss) Income by Component", "label": "Schedule of Accumulated Other Comprehensive Income (Loss) [Table
Text Block]", "documentation": "Tabular disclosure of the components of accumulated other comprehensive income (loss)." } } }, "auth_ref": ["r30", "r1397", "r1398"] }, "us-
gaap_ScheduleOfAntidilutiveSecuritiesExcludedFromComputationOfEarningsPerShareTable": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024",
"localname": "ScheduleOfAntidilutiveSecuritiesExcludedFromComputationOfEarningsPerShareTable", "presentation": [
"http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureEarningsPerShareAdditionalInformationDetail"], "lang": { "en-us": { "role": { "terseLabel": "Schedule Of
Antidilutive Securities Excluded From Computation Of Earnings Per Share [Table]", "label": "Antidilutive Security, Excluded EPS Calculation [Table]", "documentation":
"Disclosure of information about security that could potentially dilute basic earnings per share (EPS) in future that was not included in calculation of diluted EPS." } } },
"auth_ref": ["r41"] }, "aa_ScheduleOfBusinessDispositionsByDispositionTable": { "xbrltype": "stringItemType", "nsuri": "http://www.alcoa.com/20240630", "localname":
"ScheduleOfBusinessDispositionsByDispositionTable", "presentation": [
"http://www.alcoa.com/20240630/taxonomy/role/DisclosureAcquisitionsAndDivestituresAdditionalInformationDetail"], "lang": { "en-us": { "role": { "terseLabel": "Schedule Of
Business Dispositions By Disposition [Table]", "label": "Schedule Of Business Dispositions By Disposition [Table]", "documentation": "Schedule Of Business Dispositions By
Disposition [Table]" } } }, "auth_ref": [] }, "aa_ScheduleOfCashAndCashEquivalentsAndRestrictedCashTableTextBlock": { "xbrltype": "textBlockItemType", "nsuri":
"http://www.alcoa.com/20240630", "localname": "ScheduleOfCashAndCashEquivalentsAndRestrictedCashTableTextBlock", "presentation": [
"http://www.alcoa.com/20240630/taxonomy/role/DisclosureOtherFinancialInformationTables"], "lang": { "en-us": { "role": { "terseLabel": "Schedule of Cash and Cash
Equivalents and Restricted Cash", "label": "Schedule Of Cash And Cash Equivalents And Restricted Cash Table [Text Block]", "documentation": "Schedule of cash and cash
equivalents and restricted cash table." } } }, "auth_ref": [] }, "aa_ScheduleOfChangesInCarryingValueOfRecordedEnvironmentalRemediationReservesTableTextBlock": {
"xbrltype": "textBlockItemType", "nsuri": "http://www.alcoa.com/20240630", "localname":
"ScheduleOfChangesInCarryingValueOfRecordedEnvironmentalRemediationReservesTableTextBlock", "presentation": [
"http://www.alcoa.com/20240630/taxonomy/role/DisclosureContingenciesTables"], "lang": { "en-us": { "role": { "terseLabel": "Schedule of Changes in Carrying Value of
Recorded Environmental Remediation Reserves", "label": "Schedule of Changes In Carrying Value Of Recorded Environmental Remediation Reserves Table [Text Block]",
"documentation": "Tabular disclosure of changes in carrying value of recorded environmental remediation reserves." } } }, "auth_ref": [] }, "us-
gaap_ScheduleOfComponentsOfIncomeTaxExpenseBenefitTableTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname":
"ScheduleOfComponentsOfIncomeTaxExpenseBenefitTableTextBlock", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureIncomeTaxesTables"],
"lang": { "en-us": { "role": { "terseLabel": "Schedule of Income Taxes", "label": "Schedule of Components of Income Tax Expense (Benefit) [Table Text Block]",
"documentation": "Tabular disclosure of the components of income tax expense attributable to continuing operations for each year presented including, but not limited to:
current tax expense (benefit), deferred tax expense (benefit), investment tax credits, government grants, the benefits of operating loss carryforwards, tax expense that results
from allocating certain tax benefits either directly to contributed capital or to reduce goodwill or other noncurrent intangible assets of an acquired entity, adjustments of a
deferred tax liability or asset for enacted changes in tax laws or rates or a change in the tax status of the entity, and adjustments of the beginning-of-the-year balances of a
valuation allowance because of a change in circumstances that causes a change in judgment about the realizability of the related deferred tax asset in future years." } } },
"auth_ref": ["r1374"] }, "us-gaap_ScheduleOfDefinedBenefitPlansDisclosuresTable": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname":
"ScheduleOfDefinedBenefitPlansDisclosuresTable", "presentation": [
"http://www.alcoa.com/20240630/taxonomy/role/DisclosurePensionAndOtherPostretirementBenefitsSummaryOfInformationInCurtailmentOrSettlementOfBenefitsRequiringRem
"http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosurePensionAndOtherPostretirementBenefitsAdditionalInformationDetail",
"http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosurePensionAndOtherPostretirementBenefitsComponentsOfNetPeriodicBenefitCostDetail"], "lang": { "en-us": {
"role": { "terseLabel": "Schedule Of Defined Benefit Plans Disclosures [Table]", "label": "Defined Benefit Plan [Table]", "documentation": "Disclosure of information about
individual defined benefit pension plan or other postretirement defined benefit plan. It may be appropriate to group certain similar plans. Also includes schedule for fair value
of plan assets by major categories of plan assets by the level within the fair value hierarchy in which the fair value measurements in their entirety fall, segregating fair value
measurements using quoted prices in active markets for identical assets or liabilities (Level 1), Significant other observable inputs (Level 2), and significant unobservable
inputs (Level 3)." } } }, "auth_ref": ["r17", "r58", "r59", "r60", "r61"] }, "us-gaap_ScheduleOfDerivativeInstrumentsInStatementOfFinancialPositionFairValueTextBlock": {
"xbrltype": "textBlockItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ScheduleOfDerivativeInstrumentsInStatementOfFinancialPositionFairValueTextBlock",
"presentation": ["http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureDerivativesAndOtherFinancialInstrumentsTables"], "lang": { "en-us": { "role": { "terseLabel":
"Schedule of Fair Values of Level 3 Derivative Instruments Recorded as Assets and Liabilities", "label": "Schedule of Derivative Instruments in Statement of Financial Position,
Fair Value [Table Text Block]", "documentation": "Tabular disclosure of the location and fair value amounts of derivative instruments (and nonderivative instruments that are
designated and qualify as hedging instruments) reported in the statement of financial position." } } }, "auth_ref": ["r81"] }, "us-
gaap_ScheduleOfEarningsPerShareBasicAndDilutedTableTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname":
"ScheduleOfEarningsPerShareBasicAndDilutedTableTextBlock", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureEarningsPerShareTables"],
"lang": { "en-us": { "role": { "terseLabel": "Schedule of Computation of Basic and Diluted EPS Attributable to Alcoa Corporation Common Shareholders", "label": "Schedule of
Earnings Per Share, Basic and Diluted [Table Text Block]", "documentation": "Tabular disclosure of an entity's basic and diluted earnings per share calculations, including a
reconciliation of numerators and denominators of the basic and diluted per-share computations for income from continuing operations." } } }, "auth_ref": ["r1251"] },
"aa_ScheduleOfEffectsOfBenefitObligationRemeasurementInCurtailmentAndDiscountRatesTableTextBlock": { "xbrltype": "textBlockItemType", "nsuri":
"http://www.alcoa.com/20240630", "localname": "ScheduleOfEffectsOfBenefitObligationRemeasurementInCurtailmentAndDiscountRatesTableTextBlock", "presentation": [
"http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosurePensionAndOtherPostretirementBenefitsTables"], "lang": { "en-us": { "role": { "documentation": "Schedule of
effects of benefit obligation remeasurement in curtailment and discount rates.", "label": "Schedule Of Effects Of Benefit Obligation Remeasurement In Curtailment And
Discount Rates Table [Text Block]", "terseLabel": "Summary of Information in Curtailment or Settlement of Benefits Requiring Remeasurement, Update to Discount Rates
Used to Determine Benefit Obligations of Affected Plans" } } }, "auth_ref": [] }, "us-
gaap_ScheduleOfEntityWideInformationRevenueFromExternalCustomersByProductsAndServicesTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://fasb.org/us-
gaap/2024", "localname": "ScheduleOfEntityWideInformationRevenueFromExternalCustomersByProductsAndServicesTextBlock", "presentation": [
"http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureSegmentInformationTables"], "lang": { "en-us": { "role": { "terseLabel": "Schedule of Sales by Product
Division", "label": "Revenue from External Customers by Products and Services [Table Text Block]", "documentation": "Tabular disclosure of entity-wide revenues from
external customers for each product or service or each group of similar products or services if the information is not provided as part of the reportable operating segment
information." } } }, "auth_ref": ["r47"] }, "srt_ScheduleOfEquityMethodInvestmentEquityMethodInvesteeNameAxis": { "xbrltype": "stringItemType", "nsuri":
"http://fasb.org/srt/2024", "localname": "ScheduleOfEquityMethodInvestmentEquityMethodInvesteeNameAxis", "presentation": [
"http://www.alcoa.com/20240630/taxonomy/role/DisclosureAcquisitionsAndDivestituresAdditionalInformationDetail",
"http://www.alcoa.com/20240630/taxonomy/role/DisclosureContingenciesAdditionalInformation1Detail",
"http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureBasisOfPresentationAdditionalInformationDetail",
"http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureInvestmentsAdditionalInformationDetail",
"http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureInvestmentsSummaryOfUnauditedFinancialInformationForAlcoaCorporationSEquityInvestmentsDetail",
"http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureRestructuringAndOtherChargesNetAdditionalInformationDetail"], "lang": { "en-us": { "role": { "terseLabel":
"Investment, Name", "label": "Investment, Name [Axis]" } } }, "auth_ref": ["r355", "r356", "r358", "r628", "r1203", "r1204", "r1205", "r1375", "r1376", "r1377", "r1378"] },
"us-gaap_ScheduleOfEquityMethodInvestmentsLineItems": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname":
"ScheduleOfEquityMethodInvestmentsLineItems", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureInvestmentsAdditionalInformationDetail",
"http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureInvestmentsSummaryOfUnauditedFinancialInformationForAlcoaCorporationSEquityInvestmentsDetail"],
"lang": { "en-us": { "role": { "terseLabel": "Schedule Of Equity Method Investments [Line Items]", "label": "Schedule of Equity Method Investments [Line Items]",
"documentation": "Line items represent financial concepts included in a table. These concepts are used to disclose reportable information associated with domain members
defined in one or many axes to the table." } } }, "auth_ref": ["r236", "r355", "r356", "r358", "r359", "r706"] }, "us-gaap_ScheduleOfEquityMethodInvestmentsTable": {
"xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ScheduleOfEquityMethodInvestmentsTable", "presentation": [
"http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureInvestmentsAdditionalInformationDetail",
"http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureInvestmentsSummaryOfUnauditedFinancialInformationForAlcoaCorporationSEquityInvestmentsDetail"],
"lang": { "en-us": { "role": { "terseLabel": "Schedule Of Equity Method Investments [Table]", "label": "Equity Method Investment [Table]", "documentation": "Disclosure of
information about equity method investment. Includes, but is not limited to, name of investee or group of investees, percentage ownership, difference between investment and
value of underlying equity in net assets." } } }, "auth_ref": ["r188", "r236", "r355", "r356", "r358", "r359", "r706"] },
"aa_ScheduleOfEstimateTimingOfCashOutflowsOnEnvironmentalReservesTableTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://www.alcoa.com/20240630",
"localname": "ScheduleOfEstimateTimingOfCashOutflowsOnEnvironmentalReservesTableTextBlock", "presentation": [
"http://www.alcoa.com/20240630/taxonomy/role/DisclosureContingenciesTables"], "lang": { "en-us": { "role": { "terseLabel": "Schedule of Estimate Timing of Cash Outflows

on Environmental Reserves", "label": "Schedule Of Estimate Timing Of Cash Outflows On Environmental Reserves Table [Text Block]", "documentation": "Tabular disclosure of estimate timing of cash outflows on environmental reserves." } } }, "auth_ref": [] }, "us-gaap_ScheduleOfGoodwillTable": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ScheduleOfGoodwillTable", "presentation": [
"http://www.alcoa.com/20240630/taxonomy/role/DisclosureGoodwillAdditionalInformationDetails",
"http://www.alcoa.com/20240630/taxonomy/role/DisclosureGoodwillSummaryOfGoodwillWhichIsIncludedInOtherNoncurrentAssetsDetail",
"http://www.alcoa.com/20240630/taxonomy/role/DisclosureGoodwillSummaryOfGoodwillWhichIsIncludedInOtherNoncurrentAssetsParentheticalDetail"], "lang": { "en-us": { "role": { "label": "Goodwill [Table]", "documentation": "Disclosure of information about goodwill, including, but not limited to, change from acquisition, sale, impairment, and other reason." } } }, "auth_ref": ["r384", "r385", "r386", "r387", "r388", "r389", "r390", "r391", "r392", "r393", "r395", "r1032"] }, "us-gaap_ScheduleOfGoodwillTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ScheduleOfGoodwillTextBlock", "presentation": [
"http://www.alcoa.com/20240630/taxonomy/role/DisclosureGoodwillTables"], "lang": { "en-us": { "role": { "terseLabel": "Summary of Goodwill which is Included in Other Noncurrent Assets", "label": "Schedule of Goodwill [Table Text Block]", "documentation": "Tabular disclosure of goodwill by reportable segment and in total which includes a rollforward schedule." } } }, "auth_ref": ["r1032", "r1266", "r1267", "r1268", "r1269", "r1270", "r1271", "r1272", "r1273", "r1274", "r1275", "r1276"] }, "us-gaap_ScheduleOfInventoryCurrentTableTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ScheduleOfInventoryCurrentTableTextBlock", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureInventoriesTables"], "lang": { "en-us": { "role": { "terseLabel": "Schedule of Inventory Components", "label": "Schedule of Inventory, Current [Table Text Block]", "documentation": "Tabular disclosure of the carrying amount as of the balance sheet date of merchandise, goods, commodities, or supplies held for future sale or to be used in manufacturing, servicing or production process." } } }, "auth_ref": ["r28", "r116", "r117", "r118"] }, "us-gaap_ScheduleOfInvestmentsAbstract": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ScheduleOfInvestmentsAbstract", "lang": { "en-us": { "role": { "label": "Schedule of Investments [Abstract]" } } }, "auth_ref": [] }, "us-gaap_ScheduleOfNetBenefitCostsTableTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ScheduleOfNetBenefitCostsTableTextBlock", "presentation": [
"http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosurePensionAndOtherPostretirementBenefitsTables"], "lang": { "en-us": { "role": { "terseLabel": "Components of Net Periodic Benefit Cost", "label": "Schedule of Net Benefit Costs [Table Text Block]", "documentation": "Tabular disclosure of the components of net benefit costs for pension plans and/or other employee benefit plans including service cost, interest cost, expected return on plan assets, gain (loss), prior service cost or credit, transition asset or obligation, and gain (loss) recognized due to settlements or curtailments." } } }, "auth_ref": ["r150"] }, "us-gaap_ScheduleOfOtherAssetsNoncurrentTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ScheduleOfOtherAssetsNoncurrentTextBlock", "presentation": [
"http://www.alcoa.com/20240630/taxonomy/role/DisclosureOtherFinancialInformationTables"], "lang": { "en-us": { "role": { "terseLabel": "Schedule of Other Noncurrent Assets", "label": "Schedule of Other Assets, Noncurrent [Table Text Block]", "documentation": "Tabular disclosure of noncurrent assets." } } }, "auth_ref": ["r1222"] }, "us-gaap_ScheduleOfOtherNonoperatingIncomeExpenseTableTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ScheduleOfOtherNonoperatingIncomeExpenseTableTextBlock", "presentation": [
"http://www.alcoa.com/20240630/taxonomy/role/DisclosureOtherFinancialInformationTables"], "lang": { "en-us": { "role": { "terseLabel": "Schedule of Other (Income) Expenses, Net", "label": "Schedule of Other Nonoperating Income (Expense) [Table Text Block]", "documentation": "Tabular disclosure of the components of non-operating income or non-operating expense that may include amounts earned from dividends, interest on securities, gains (losses) on securities sold, equity earnings of unconsolidated affiliates, net gain (loss) on sales of business, interest expense and other miscellaneous income or expense items." } } }, "auth_ref": [] }, "aa_ScheduleOfOutstandingQuantitiesOfDerivativeInstrumentsTableTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://www.alcoa.com/20240630", "localname": "ScheduleOfOutstandingQuantitiesOfDerivativeInstrumentsTableTextBlock", "presentation": [
"http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureDerivativesAndOtherFinancialInstrumentsTables"], "lang": { "en-us": { "role": { "terseLabel": "Schedule of Outstanding Quantities of Derivative Instruments", "label": "Schedule Of Outstanding Quantities Of Derivative Instruments Table [Text Block]", "documentation": "Schedule of outstanding quantities of derivative instruments." } } }, "auth_ref": [] }, "us-gaap_ScheduleOfRestructuringAndRelatedCostsTable": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ScheduleOfRestructuringAndRelatedCostsTable", "presentation": [
"http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureRestructuringAndOtherChargesNetActivityAndReserveBalancesForRestructuringChargesDetail",
"http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureRestructuringAndOtherChargesNetAdditionalInformationDetail",
"http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureRestructuringAndOtherChargesNetScheduleOfRestructuringAndOtherChargesNetByReportableSegmentsPretax], "lang": { "en-us": { "role": { "terseLabel": "Schedule Of Restructuring And Related Costs [Table]", "label": "Restructuring Cost [Table]", "documentation": "Disclosure of information about restructuring cost. Includes, but is not limited to, expected cost, cost incurred, statement of income caption that includes restructuring cost recognized, and amount of restructuring reserve." } } }, "auth_ref": ["r419", "r420", "r421", "r422", "r425", "r426", "r427"] },
"aa_ScheduleOfRestructuringChargesNetBeforeIncomeTaxNotAllocatedToReportableSegmentTableTextBlock": { "xbrltype": "textBlockItemType", "nsuri":
"http://www.alcoa.com/20240630", "localname": "ScheduleOfRestructuringChargesNetBeforeIncomeTaxNotAllocatedToReportableSegmentTableTextBlock", "presentation": [
"http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureRestructuringAndOtherChargesNetTables"], "lang": { "en-us": { "role": { "terseLabel": "Schedule of Restructuring and Other Charges, Net by Reportable Segments, Pretax", "label": "Schedule Of Restructuring Charges Net Before Income Tax Not Allocated To Reportable Segment Table [Text Block]", "documentation": "Schedule of restructuring charges, net before income tax not allocated to reportable segment." } } }, "auth_ref": [] }, "us-gaap_ScheduleOfRestructuringReserveByTypeOfCostTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ScheduleOfRestructuringReserveByTypeOfCostTextBlock", "presentation": [
"http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureRestructuringAndOtherChargesNetTables"], "lang": { "en-us": { "role": { "terseLabel": "Activity and Reserve Balances for Restructuring Charges", "label": "Schedule of Restructuring Reserve by Type of Cost [Table Text Block]", "documentation": "Tabular disclosure of an entity's restructuring reserve that occurred during the period associated with the exit from or disposal of business activities or restructurings for each major type of cost. This element may also include a description of any reversal and other adjustment made during the period to the amount of an accrued liability for restructuring activities. This element may be used to encapsulate the roll forward presentations of an entity's restructuring reserve by type of cost and in total, and explanation of changes that occurred in the period." } } }, "auth_ref": ["r50", "r142"] }, "us-gaap_ScheduleOfSegmentReportingInformationBySegmentTable": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ScheduleOfSegmentReportingInformationBySegmentTable", "presentation": [
"http://www.alcoa.com/20240630/taxonomy/role/DisclosureSegmentInformationScheduleOfSegmentAdjustedEbitdaToConsolidatedNetIncomeLossAttributableToAlcoaCorporatio
"http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureSegmentInformationScheduleOfOperatingResultsOfAlcoaSReportableSegmentsDetail"], "lang": { "en-us": { "role": { "terseLabel": "Schedule Of Segment Reporting Information By Segment [Table]", "label": "Schedule of Segment Reporting Information, by Segment [Table]", "documentation": "Disclosure of information about profit (loss) and total assets by reportable segment." } } }, "auth_ref": ["r44", "r45", "r46"] }, "us-gaap_ScheduleOfSegmentReportingInformationBySegmentTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ScheduleOfSegmentReportingInformationBySegmentTextBlock", "presentation": [
"http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureSegmentInformationTables"], "lang": { "en-us": { "role": { "terseLabel": "Schedule of Operating Results of Alcoa's Reportable Segments", "label": "Schedule of Segment Reporting Information, by Segment [Table Text Block]", "documentation": "Tabular disclosure of the profit or loss and total assets for each reportable segment. An entity discloses certain information on each reportable segment if the amounts (a) are included in the measure of segment profit or loss reviewed by the chief operating decision maker or (b) are otherwise regularly provided to the chief operating decision maker, even if not included in that measure of segment profit or loss." } } }, "auth_ref": ["r44", "r45", "r46"] },
"aa_ScheduleOfSegmentReportingInformationToConsolidateNetIncomeLossAttributableToParentTableTextBlock": { "xbrltype": "textBlockItemType", "nsuri":
"http://www.alcoa.com/20240630", "localname": "ScheduleOfSegmentReportingInformationToConsolidateNetIncomeLossAttributableToParentTableTextBlock", "presentation":
["http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureSegmentInformationTables"], "lang": { "en-us": { "role": { "terseLabel": "Schedule of Segment Adjusted EBITDA to Consolidated Net Income (Loss) Attributable to Alcoa Corporation", "label": "Schedule Of Segment Reporting Information To Consolidate Net Income Loss Attributable To Parent Table [Text Block]", "documentation": "Schedule of segment reporting information to consolidate net income loss attributable to parent." } } }, "auth_ref": [] }, "aa_SchemeImplementationDeedMember": { "xbrltype": "domainItemType", "nsuri": "http://www.alcoa.com/20240630", "localname": "SchemeImplementationDeedMember", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/DisclosureAcquisitionsAndDivestituresAdditionalInformationDetail"], "lang": { "en-us": { "role": { "label": "Scheme Implementation Deed [Member]", "documentation": "Scheme implementation deed." } } }, "auth_ref": [] }, "dei_Security12bTitle": { "xbrltype": "securityTitleItemType", "nsuri": "http://xbrl.sec.gov/dei/2024", "localname": "Security12bTitle", "presentation": [
"http://www.alcoa.com/20240630/taxonomy/role/Role_DocumentDocumentAndEntityInformation"], "lang": { "en-us": { "role": { "terseLabel": "Title of 12(b) Security", "label": "Title of 12(b) Security", "documentation": "Title of a 12(b) registered security." } } }, "auth_ref": ["r1113"] }, "dei_SecurityExchangeName": { "xbrltype": "edgarExchangeCodeItemType", "nsuri": "http://xbrl.sec.gov/dei/2024", "localname": "SecurityExchangeName", "presentation": [
"http://www.alcoa.com/20240630/taxonomy/role/Role_DocumentDocumentAndEntityInformation"], "lang": { "en-us": { "role": { "terseLabel": "Security Exchange Name", "label": "Security Exchange Name", "documentation": "Name of the Exchange on which a security is registered." } } }, "auth_ref": ["r1115"] }, "us-gaap_SegmentDomain": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "SegmentDomain", "presentation": [
"http://www.alcoa.com/20240630/taxonomy/role/DisclosureGoodwillAdditionalInformationDetails",
"http://www.alcoa.com/20240630/taxonomy/role/DisclosureGoodwillSummaryOfGoodwillWhichIsIncludedInOtherNoncurrentAssetsDetail",
"http://www.alcoa.com/20240630/taxonomy/role/DisclosureGoodwillSummaryOfGoodwillWhichIsIncludedInOtherNoncurrentAssetsParentheticalDetail",
"http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureBasisOfPresentationAdditionalInformationDetail",
"http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureRestructuringAndOtherChargesNetScheduleOfRestructuringAndOtherChargesNetByReportableSegmentsPretax
"http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureSegmentInformationScheduleOfOperatingResultsOfAlcoaSReportableSegmentsDetail"], "lang": { "en-us": { "role": { "terseLabel": "Segments", "label": "Segments [Domain]", "documentation": "Components of an entity that engage in business activities from which they may earn revenue and incur expenses, including transactions with other components of the same entity." } } }, "auth_ref": ["r168", "r169", "r170", "r171", "r276", "r281", "r284", "r285", "r287", "r288", "r289", "r290", "r291", "r292", "r293", "r295", "r296", "r298", "r299", "r300", "r301", "r302", "r303", "r304", "r305", "r307", "r308", "r309", "r314", "r384", "r385", "r386", "r387", "r388", "r389", "r390", "r391", "r392", "r401", "r422", "r427", "r845", "r846", "r847", "r848", "r849", "r850", "r851", "r852", "r853", "r854", "r855", "r1022", "r1025", "r1026", "r1032", "r1099", "r1420", "r1424", "r1425", "r1426", "r1427", "r1428", "r1429", "r1430", "r1431", "r1432", "r1433", "r1434", "r1435", "r1436", "r1437", "r1438", "r1439", "r1440", "r1441", "r1442", "r1443", "r1444", "r1445", "r1446", "r1447", "r1448", "r1449", "r1450", "r1451"] }, "srt_SegmentGeographicalDomain": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/srt/2024", "localname": "SegmentGeographicalDomain", "presentation": [
"http://www.alcoa.com/20240630/taxonomy/role/DisclosureContingenciesAdditionalInformationDetail",
"http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureDerivativesAndOtherFinancialInstrumentsAdditionalInformationDetail",
"http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureInvestmentsAdditionalInformationDetail",
"http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureRestructuringAndOtherChargesNetAdditionalInformationDetail"], "lang": { "en-us": { "role": { "terseLabel": "Geographical", "label": "Geographical [Domain]" } } }, "auth_ref": ["r312", "r313", "r777", "r779", "r780", "r781", "r782", "r784", "r785", "r786", "r787", "r788", "r789", "r791", "r792", "r793", "r794", "r795", "r796", "r799", "r800", "r801", "r802", "r803", "r804", "r805", "r806", "r807", "r808", "r809", "r810", "r811", "r901", "r904", "r906", "r963", "r965", "r968", "r985", "r992", "r994", "r995", "r996", "r997", "r999", "r1000", "r1001", "r1002", "r1003", "r1009", "r1047", "r1084", "r1085", "r1086", "r1087", "r1089", "r1091", "r1092", "r1093", "r1098", "r1104", "r1305", "r1420", "r1424", "r1425", "r1427", "r1428", "r1429", "r1430", "r1431", "r1432", "r1433", "r1434", "r1435", "r1436", "r1437", "r1438", "r1439", "r1440", "r1441", "r1442", "r1443", "r1444", "r1445", "r1446", "r1447", "r1448", "r1449", "r1450", "r1451"] }, "us-gaap_SegmentReportingAbstract": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "SegmentReportingAbstract", "lang": { "en-us": { "role": { "label": "Segment Reporting [Abstract]" } } }, "auth_ref": [] }, "us-gaap_SegmentReportingDisclosureTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "SegmentReportingDisclosureTextBlock", "presentation": [
"http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureSegmentInformation"], "lang": { "en-us": { "role": { "terseLabel": "Segment Information", "label": "Segment Reporting Disclosure [Text Block]", "documentation": "The entire disclosure for reporting segments including data and tables. Reportable segments include those that meet any of the following quantitative thresholds a) it's reported revenue, including sales to external customers and intersegment sales or transfers is 10 percent or more of the combined revenue, internal and external, of all operating segments b) the absolute amount of its reported profit or loss is 10 percent or more of the greater, in absolute

amount of 1) the combined reported profit of all operating segments that did not report a loss or 2) the combined reported loss of all operating segments that did report a loss c) its assets are 10 percent or more of the combined assets of all operating segments." } } }, "auth_ref": ["r171", "r276", "r280", "r281", "r282", "r283", "r284", "r297", "r299", "r300", "r305", "r306", "r307", "r308", "r309", "r310", "r311", "r314", "r1021", "r1023", "r1024", "r1025", "r1027", "r1028", "r1029"] }, "aa_SegmentReportingInformationCorporateExpenses": { "xbrltype": "monetaryItemType", "nsuri": "http://www.alcoa.com/20240630", "localname": "SegmentReportingInformationCorporateExpenses", "crdr": "debit", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/DisclosureSegmentInformationScheduleOfSegmentAdjustedEbitdaToConsolidatedNetIncomeLossAttributableToAlcoaCorporatio], "lang": { "en-us": { "role": { "negatedLabel": "Corporate expenses", "label": "Segment Reporting Information Corporate Expenses", "documentation": "Segment reporting information corporate expenses." } } }, "auth_ref": [] }, "aa_SegmentReportingInformationDepreciationDepletionAndAmortizationExpenses": { "xbrltype": "monetaryItemType", "nsuri": "http://www.alcoa.com/20240630", "localname": "SegmentReportingInformationDepreciationDepletionAndAmortizationExpenses", "crdr": "debit", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureSegmentInformationScheduleOfOperatingResultsOfAlcoaSReportableSegmentsDetail"], "lang": { "en-us": { "role": { "terseLabel": "Depreciation, depletion, and amortization", "label": "Segment Reporting Information Depreciation Depletion And Amortization Expenses", "documentation": "Segment reporting information depreciation depletion and amortization expenses." } } }, "auth_ref": [] }, "aa_SegmentReportingInformationEquityInNetIncomeOfEquityMethodInvesteesOfSegments": { "xbrltype": "monetaryItemType", "nsuri": "http://www.alcoa.com/20240630", "localname": "SegmentReportingInformationEquityInNetIncomeOfEquityMethodInvesteesOfSegments", "crdr": "debit", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureSegmentInformationScheduleOfOperatingResultsOfAlcoaSReportableSegmentsDetail"], "lang": { "en-us": { "role": { "terseLabel": "Equity (loss) income", "label": "Segment Reporting Information Equity In Net Income Of Equity Method Investees Of Segments", "documentation": "Segment reporting information equity in net income of equity method investees of segments." } } }, "auth_ref": [] }, "aa_SegmentReportingInformationIntersegmentEliminations": { "xbrltype": "monetaryItemType", "nsuri": "http://www.alcoa.com/20240630", "localname": "SegmentReportingInformationIntersegmentEliminations", "crdr": "debit", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/DisclosureSegmentInformationScheduleOfSegmentAdjustedEbitdaToConsolidatedNetIncomeLossAttributableToAlcoaCorporatio], "lang": { "en-us": { "role": { "negatedTerseLabel": "Intersegment eliminations", "terseLabel": "Intersegment eliminations", "label": "Segment Reporting Information Intersegment Eliminations", "documentation": "Segment reporting information intersegment eliminations" } } }, "auth_ref": [] }, "aa_SegmentReportingInformationIntersegmentRevenues": { "xbrltype": "monetaryItemType", "nsuri": "http://www.alcoa.com/20240630", "localname": "SegmentReportingInformationIntersegmentRevenues", "crdr": "credit", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureSegmentInformationScheduleOfOperatingResultsOfAlcoaSReportableSegmentsDetail"], "lang": { "en-us": { "role": { "terseLabel": "Intersegment sales", "label": "Segment Reporting Information Intersegment Revenues", "documentation": "Segment reporting information intersegment revenues." } } }, "auth_ref": [] }, "us-gaap_SegmentReportingInformationLineItems": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "SegmentReportingInformationLineItems", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/DisclosureSegmentInformationScheduleOfSegmentAdjustedEbitdaToConsolidatedNetIncomeLossAttributableToAlcoaCorporatio "http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureSegmentInformationScheduleOfOperatingResultsOfAlcoaSReportableSegmentsDetail"], "lang": { "en-us": { "role": { "terseLabel": "Segment Reporting Information [Line Items]", "label": "Segment Reporting Information [Line Items]", "documentation": "Line items represent financial concepts included in a table. These concepts are used to disclose reportable information associated with domain members defined in one or many axes to the table." } } }, "auth_ref": [] }, "aa_SegmentReportingInformationOtherIncomeExpenseNet": { "xbrltype": "monetaryItemType", "nsuri": "http://www.alcoa.com/20240630", "localname": "SegmentReportingInformationOtherIncomeExpenseNet", "crdr": "debit", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/DisclosureSegmentInformationScheduleOfSegmentAdjustedEbitdaToConsolidatedNetIncomeLossAttributableToAlcoaCorporatio], "lang": { "en-us": { "role": { "negatedLabel": "Other", "label": "Segment Reporting Information Other Income Expense Net", "documentation": "Segment reporting information other income expense net." } } }, "auth_ref": [] }, "aa_SegmentReportingInformationTransformation": { "xbrltype": "monetaryItemType", "nsuri": "http://www.alcoa.com/20240630", "localname": "SegmentReportingInformationTransformation", "crdr": "debit", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/DisclosureSegmentInformationScheduleOfSegmentAdjustedEbitdaToConsolidatedNetIncomeLossAttributableToAlcoaCorporatio], "lang": { "en-us": { "role": { "negatedLabel": "Transformation", "label": "Segment Reporting Information Transformation", "documentation": "Segment Reporting Information Transformation." } } }, "auth_ref": [] }, "aa_SegmentReportingInformationUnrelatedPartySales": { "xbrltype": "monetaryItemType", "nsuri": "http://www.alcoa.com/20240630", "localname": "SegmentReportingInformationUnrelatedPartySales", "crdr": "credit", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureSegmentInformationScheduleOfOperatingResultsOfAlcoaSReportableSegmentsDetail"], "lang": { "en-us": { "role": { "terseLabel": "Third-party sales", "label": "Segment Reporting Information Unrelated Party Sales", "documentation": "Segment reporting information unrelated party sales." } } }, "aa_SegmentReportingReconcilingItemsGoodwillAssets": { "xbrltype": "monetaryItemType", "nsuri": "http://www.alcoa.com/20240630", "localname": "SegmentReportingReconcilingItemsGoodwillAssets", "crdr": "debit", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/DisclosureGoodwillSummaryOfGoodwillWhichIsIncludedInOtherNoncurrentAssetsParentheticalDetail"], "lang": { "en-us": { "role": { "terseLabel": "Segment reporting, goodwill", "label": "Segment Reporting Reconciling Items Goodwill Assets", "documentation": "Segment reporting reconciling items goodwill assets." } } }, "auth_ref": [] }, "us-gaap_SellingGeneralAndAdministrativeExpense": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "SellingGeneralAndAdministrativeExpense", "crdr": "debit", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/StatementStatementOfConsolidatedOperationsUnaudited1"], "lang": { "en-us": { "role": { "terseLabel": "Selling, general administrative, and other expenses", "label": "Selling, General and Administrative Expense", "totalLabel": "Selling, General and Administrative Expense, Total", "documentation": "The aggregate total costs related to selling a firm's product and services, as well as all other general and administrative expenses. Direct selling expenses (for example, credit, warranty, and advertising) are expenses that can be directly linked to the sale of specific products. Indirect selling expenses are expenses that cannot be directly linked to the sale of specific products, for example telephone expenses, Internet, and postal charges. General and administrative expenses include salaries of non-sales personnel, rent, utilities, communication, etc." } } }, "auth_ref": ["r126"] }, "aa_SeriesAConvertiblePreferredStockMember": { "xbrltype": "domainItemType", "nsuri": "http://www.alcoa.com/20240630", "localname": "SeriesAConvertiblePreferredStockMember", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/Role_DocumentDocumentAndEntityInformation"], "lang": { "en-us": { "role": { "terseLabel": "Series A Convertible Preferred Stock, Par Value $0.01 Per Share [Member]", "label": "Series A Convertible Preferred Stock [Member]", "documentation": "Series A Convertible Preferred Stock [Member]" } } }, "auth_ref": [] }, "aa_SevenPointOneTwoFivePercentageSeniorNotesDueTwoThousandAndThirtyOneMember": { "xbrltype": "domainItemType", "nsuri": "http://www.alcoa.com/20240630", "localname": "SevenPointOneTwoFivePercentageSeniorNotesDueTwoThousandAndThirtyOneMember", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/DisclosureDebtAdditionalInformationDetail"], "lang": { "en-us": { "role": { "terseLabel": "7.125% Notes, due 2031 [Member]", "label": "Seven Point One Two Five Percentage Senior Notes Due Two Thousand And Thirty One [Member]", "documentation": "Seven point one two five percentage senior notes due two thousand and thirty one." } } }, "auth_ref": [] }, "us-gaap_SeveranceCosts1": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "SeveranceCosts1", "crdr": "debit", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureRestructuringAndOtherChargesNetAdditionalInformationDetail"], "lang": { "en-us": { "role": { "terseLabel": "Severance costs", "label": "Severance Costs", "documentation": "Amount of expenses for special or contractual termination benefits provided to current employees involuntarily terminated under a benefit arrangement associated exit or disposal activities pursuant to an authorized plan. Excludes expenses related to one-time termination benefits, a discontinued operation or an asset retirement obligation." } } }, "auth_ref": ["r15"] }, "us-gaap_ShareBasedCompensation": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ShareBasedCompensation", "crdr": "debit", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/StatementStatementOfConsolidatedCashFlowsUnaudited"], "lang": { "en-us": { "role": { "totalLabel": "Share-Based Payment Arrangement, Noncash Expense, Total", "terseLabel": "Stock-based compensation", "label": "Share-Based Payment Arrangement, Noncash Expense", "documentation": "Amount of noncash expense for share-based payment arrangement." } } }, "auth_ref": ["r14"] }, "us-gaap_ShareBasedCompensationArrangementsByShareBasedPaymentAwardAwardTypeAndPlanNameDomain": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ShareBasedCompensationArrangementsByShareBasedPaymentAwardAwardTypeAndPlanNameDomain", "presentation": ["http://xbrl.sec.gov/ecd/role/AwardTimingDisclosure"], "lang": { "en-us": { "role": { "label": "All Award Types", "terseLabel": "All Award Types", "documentation": "Award under share-based payment arrangement." } } }, "auth_ref": ["r576", "r577", "r578", "r579", "r580", "r581", "r582", "r583", "r584", "r585", "r586", "r587", "r588", "r589", "r590", "r591", "r592", "r593", "r594", "r595", "r596", "r597", "r598", "r599", "r600", "r601"] }, "aa_SharesThatWouldHaveBeenIncludedInDilutedEarningsPerShareCalculation": { "xbrltype": "sharesItemType", "nsuri": "http://www.alcoa.com/20240630", "localname": "SharesThatWouldHaveBeenIncludedInDilutedEarningsPerShareCalculation", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureEarningsPerShareAdditionalInformationDetail"], "lang": { "en-us": { "role": { "terseLabel": "Common shares equivalents that would have been included in diluted average shares outstanding", "label": "Shares That Would Have Been Included In Diluted Earnings Per Share Calculation", "documentation": "Shares that would have been included in diluted earnings per share calculation." } } }, "auth_ref": [] }, "us-gaap_ShortTermBorrowings": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ShortTermBorrowings", "crdr": "credit", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/DisclosureDebtAdditionalInformationDetail", "http://www.alcoa.com/20240630/taxonomy/role/DisclosureDerivativesAndOtherFinancialInstrumentsScheduleOfCarryingValuesAndFairValuesOfOtherFinancialInstrument], "lang": { "en-us": { "role": { "totalLabel": "Short-Term Debt, Total", "terseLabel": "Short-term borrowings", "label": "Short-Term Debt", "documentation": "Reflects the total carrying amount as of the balance sheet date of debt having initial terms less than one year or the normal operating cycle, if longer." } } }, "auth_ref": ["r96", "r157", "r1081", "r1417"] }, "aa_ShortTermBorrowingsOfInventoryRelatedToAgreement": { "xbrltype": "monetaryItemType", "nsuri": "http://www.alcoa.com/20240630", "localname": "ShortTermBorrowingsOfInventoryRelatedToAgreement", "crdr": "credit", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/DisclosureDebtAdditionalInformationDetail"], "lang": { "en-us": { "role": { "documentation": "Short term borrowings of inventory related to agreement.", "label": "Short Term Borrowings Of Inventory Related To Agreement", "terseLabel": "Borrowings of inventory related to agreement" } } }, "auth_ref": [] }, "aa_SpentPotLiningTreatmentAndDisposalAtAlumarRefineryMember": { "xbrltype": "domainItemType", "nsuri": "http://www.alcoa.com/20240630", "localname": "SpentPotLiningTreatmentAndDisposalAtAlumarRefineryMember", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/DisclosureAssetRetirementObligationsAdditionalInformationDetail"], "lang": { "en-us": { "role": { "documentation": "Spent pot lining treatment and disposal at alumar refinery.", "label": "Spent Pot Lining Treatment And Disposal At Alumar Refinery [Member]", "terseLabel": "Spent Pot Lining Treatment and Disposal at Alumar Refinery [Member]" } } }, "auth_ref": [] }, "aa_SpentPotLiningTreatmentAndDisposalMember": { "xbrltype": "domainItemType", "nsuri": "http://www.alcoa.com/20240630", "localname": "SpentPotLiningTreatmentAndDisposalMember", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/DisclosureAssetRetirementObligationsAdditionalInformationDetail"], "lang": { "en-us": { "role": { "terseLabel": "Spent Pot Lining Treatment and Disposal [Member]", "label": "Spent Pot Lining Treatment And Disposal [Member]", "documentation": "Spent pot lining treatment and disposal." } } }, "auth_ref": [] }, "us-gaap_StatementBusinessSegmentsAxis": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "StatementBusinessSegmentsAxis", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/DisclosureGoodwillAdditionalInformationDetails", "http://www.alcoa.com/20240630/taxonomy/role/DisclosureGoodwillSummaryOfGoodwillWhichIsIncludedInOtherNoncurrentAssetsDetail", "http://www.alcoa.com/20240630/taxonomy/role/DisclosureGoodwillSummaryOfGoodwillWhichIsIncludedInOtherNoncurrentAssetsParentheticalDetail", "http://www.alcoa.com/20240630/taxonomy/role/DisclosureBasisOfPresentationAdditionalInformationDetail", "http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureRestructuringAndOtherChargesNetScheduleOfRestructuringAndOtherChargesNetByReportableSegmentsPretax "http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureSegmentInformationScheduleOfOperatingResultsOfAlcoaSReportableSegmentsDetail"], "lang": { "en-us": { "role": { "terseLabel": "Segments", "label": "Segments [Axis]", "documentation": "Information by business segments." } } }, "auth_ref": ["r168", "r169", "r170", "r171", "r186", "r276", "r281", "r284", "r285", "r286", "r287", "r288", "r289", "r290", "r291", "r292", "r293", "r295", "r296", "r298", "r299", "r300", "r301", "r302", "r303", "r304", "r305", "r307", "r308", "r309", "r314", "r384", "r385", "r386", "r387", "r388", "r389", "r390", "r391", "r392", "r401", "r405", "r422", "r427", "r845", "r846", "r847", "r848", "r849", "r850", "r851", "r852", "r853", "r854", "r855", "r1022", "r1025", "r1026", "r1032", "r1099", "r1420", "r1424", "r1425", "r1426", "r1427", "r1428", "r1429", "r1430", "r1431", "r1432", "r1433", "r1434", "r1435", "r1436", "r1437", "r1438", "r1439", "r1440", "r1441", "r1442", "r1443", "r1444", "r1445", "r1446", "r1447", "r1448", "r1449", "r1450", "r1451"] }, "us-gaap_StatementClassOfStockAxis": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "StatementClassOfStockAxis",

"presentation": ["http://www.alcoa.com/20240630/taxonomy/role/DisclosureAcquisitionsAndDivestituresAdditionalInformationDetail", "http://www.alcoa.com/20240630/taxonomy/role/Role_DocumentDocumentAndEntityInformation"], "lang": { "en-us": { "role": { "label": "Class of Stock [Axis]", "documentation": "Information by the different classes of stock of the entity." } } }, "auth_ref": ["r182", "r197", "r198", "r199", "r236", "r263", "r267", "r269", "r271", "r278", "r279", "r359", "r440", "r443", "r444", "r445", "r449", "r450", "r478", "r479", "r480", "r481", "r483", "r706", "r879", "r880", "r881", "r882", "r887", "r888", "r889", "r890", "r891", "r892", "r893", "r894", "r895", "r896", "r897", "r898", "r918", "r939", "r958", "r986", "r987", "r988", "r989", "r990", "r1199", "r1237", "r1250"] }, "us-gaap_StatementEquityComponentsAxis": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "StatementEquityComponentsAxis", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureAccumulatedOtherComprehensiveLossSummaryOfChangesInAccumulatedOtherComprehensiveLossIncomeByCo, "http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureDerivativesAndOtherFinancialInstrumentsScheduleOfDetailForLevel1And3DerivativesDetail", "http://www.alcoa.com/20240630/taxonomy/role/Role_StatementStatementOfChangesInConsolidatedEquityUnaudited"], "lang": { "en-us": { "role": { "terseLabel": "Equity Components", "label": "Equity Components [Axis]", "documentation": "Information by component of equity." } } }, "auth_ref": ["r20", "r108", "r112", "r113", "r183", "r219", "r220", "r221", "r239", "r240", "r241", "r245", "r252", "r254", "r256", "r277", "r364", "r370", "r403", "r484", "r619", "r620", "r631", "r632", "r633", "r637", "r644", "r645", "r662", "r663", "r664", "r665", "r666", "r668", "r675", "r712", "r714", "r715", "r716", "r717", "r718", "r723", "r725", "r730", "r838", "r869", "r870", "r871", "r887", "r958"] }, "srt_StatementGeographicalAxis": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/srt/2024", "localname": "StatementGeographicalAxis", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/DisclosureContingenciesAdditionalInformationDetail", "http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureDerivativesAndOtherFinancialInstrumentsAdditionalInformationDetail", "http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureInvestmentsAdditionalInformationDetail", "http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureRestructuringAndOtherChargesNetAdditionalInformationDetail"], "lang": { "en-us": { "role": { "terseLabel": "Geographical", "label": "Geographical [Axis]" } } }, "auth_ref": ["r312", "r313", "r777", "r779", "r780", "r781", "r782", "r784", "r785", "r786", "r787", "r788", "r789", "r791", "r792", "r793", "r794", "r795", "r796", "r799", "r800", "r801", "r802", "r803", "r804", "r805", "r806", "r807", "r808", "r809", "r810", "r811", "r901", "r904", "r906", "r963", "r965", "r968", "r985", "r992", "r994", "r995", "r996", "r997", "r999", "r1000", "r1001", "r1002", "r1003", "r1009", "r1047", "r1084", "r1085", "r1086", "r1087", "r1089", "r1091", "r1092", "r1093", "r1098", "r1104", "r1305", "r1420", "r1424", "r1425", "r1427", "r1428", "r1429", "r1430", "r1431", "r1432", "r1433", "r1434", "r1435", "r1436", "r1437", "r1438", "r1439", "r1440", "r1441", "r1442", "r1443", "r1444", "r1445", "r1446", "r1447", "r1448", "r1449", "r1450", "r1451"] }, "us-gaap_StatementLineItems": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "StatementLineItems", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/DisclosureSupplierFinanceProgramsAdditionalInformationDetail", "http://www.alcoa.com/20240630/taxonomy/role/Role_StatementStatementOfChangesInConsolidatedEquityUnaudited"], "lang": { "en-us": { "role": { "terseLabel": "Statement [Line Items]", "label": "Statement [Line Items]", "documentation": "Line items represent financial concepts included in a table. These concepts are used to disclose reportable information associated with domain members defined in one or many axes to the table." } } }, "auth_ref": ["r239", "r240", "r241", "r277", "r725", "r771", "r878", "r898", "r910", "r911", "r912", "r913", "r914", "r915", "r918", "r921", "r922", "r923", "r924", "r925", "r926", "r927", "r928", "r929", "r931", "r932", "r933", "r934", "r935", "r937", "r940", "r941", "r943", "r944", "r945", "r946", "r947", "r948", "r949", "r950", "r951", "r952", "r953", "r954", "r958", "r1105"] }, "us-gaap_StatementOfCashFlowsAbstract": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "StatementOfCashFlowsAbstract", "lang": { "en-us": { "role": { "label": "Statement of Cash Flows [Abstract]" } } }, "auth_ref": [] }, "us-gaap_StatementOfFinancialPositionAbstract": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "StatementOfFinancialPositionAbstract", "lang": { "en-us": { "role": { "label": "Statement of Financial Position [Abstract]" } } }, "auth_ref": [] }, "us-gaap_StatementOfIncomeAndComprehensiveIncomeAbstract": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "StatementOfIncomeAndComprehensiveIncomeAbstract", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/Role_StatementStatementOfConsolidatedComprehensiveIncomeUnaudited"], "lang": { "en-us": { "role": { "terseLabel": "Statement of Comprehensive Income [Abstract]", "label": "Statement of Comprehensive Income [Abstract]" } } }, "auth_ref": [] }, "us-gaap_StatementOfStockholdersEquityAbstract": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "StatementOfStockholdersEquityAbstract", "lang": { "en-us": { "role": { "label": "Statement of Stockholders' Equity [Abstract]" } } }, "auth_ref": [] }, "srt_StatementScenarioAxis": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/srt/2024", "localname": "StatementScenarioAxis", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/DisclosureContingenciesAdditionalInformationDetail", "http://www.alcoa.com/20240630/taxonomy/role/DisclosureDebtAdditionalInformationDetail", "http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosurePensionAndOtherPostretirementBenefitsAdditionalInformationDetail", "http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureRestructuringAndOtherChargesNetAdditionalInformationDetail"], "lang": { "en-us": { "role": { "terseLabel": "Scenario", "label": "Scenario [Axis]" } } }, "auth_ref": ["r258", "r572", "r1202", "r1206", "r1245"] }, "us-gaap_StatementTable": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "StatementTable", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/DisclosureSupplierFinanceProgramsAdditionalInformationDetail", "http://www.alcoa.com/20240630/taxonomy/role/Role_StatementStatementOfChangesInConsolidatedEquityUnaudited"], "lang": { "en-us": { "role": { "terseLabel": "Statement [Table]", "label": "Statement [Table]", "documentation": "Disclosure of information about statement of comprehensive income, income, other comprehensive income, financial position, cash flows, and shareholders' equity." } } }, "auth_ref": ["r239", "r240", "r241", "r277", "r318", "r725", "r771", "r878", "r898", "r910", "r911", "r912", "r913", "r914", "r915", "r918", "r921", "r922", "r923", "r924", "r925", "r926", "r927", "r928", "r929", "r931", "r932", "r933", "r934", "r935", "r937", "r940", "r941", "r943", "r944", "r945", "r946", "r947", "r949", "r950", "r951", "r952", "r953", "r954", "r958", "r1105"] }, "ecd_StkPrcOrTsrEstimationMethodTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://xbrl.sec.gov/ecd/2024", "localname": "StkPrcOrTsrEstimationMethodTextBlock", "presentation": ["http://xbrl.sec.gov/ecd/role/ErrCompDisclosure"], "lang": { "en-us": { "role": { "label": "Stock Price or TSR Estimation Method [Text Block]", "terseLabel": "Stock Price or TSR Estimation Method" } } }, "auth_ref": ["r1122", "r1132", "r1142", "r1174"] }, "us-gaap_StockAppreciationRightsSARSMember": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "StockAppreciationRightsSARSMember", "presentation": ["http://xbrl.sec.gov/ecd/role/AwardTimingDisclosure"], "lang": { "en-us": { "role": { "label": "Stock Appreciation Rights (SARs) [Member]", "terseLabel": "Stock Appreciation Rights (SARs)", "documentation": "Right to receive cash or shares equal to appreciation of predetermined number of grantor's shares during predetermined time period." } } }, "auth_ref": [] }, "aa_StockAwardsAndStockOptionsMember": { "xbrltype": "domainItemType", "nsuri": "http://www.alcoa.com/20240630", "localname": "StockAwardsAndStockOptionsMember", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureEarningsPerShareAdditionalInformationDetail"], "lang": { "en-us": { "role": { "terseLabel": "Stock Awards and Stock Options [Member]", "label": "Stock Awards And Stock Options [Member]", "documentation": "Stock awards and stock options." } } }, "auth_ref": [] }, "us-gaap_StockIssuedDuringPeriodValueShareBasedCompensation": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "StockIssuedDuringPeriodValueShareBasedCompensation", "crdr": "credit", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/Role_StatementStatementOfChangesInConsolidatedEquityUnaudited"], "lang": { "en-us": { "role": { "totalLabel": "Shares Issued, Value, Share-Based Payment Arrangement, after Forfeiture, Total", "terseLabel": "Common stock issued: compensation plans", "label": "Shares Issued, Value, Share-Based Payment Arrangement, after Forfeiture", "documentation": "Value, after forfeiture, of shares issued under share-based payment arrangement. Excludes employee stock ownership plan (ESOP)." } } }, "auth_ref": ["r62", "r107", "r108", "r147"] }, "us-gaap_StockRepurchasedDuringPeriodValue": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "StockRepurchasedDuringPeriodValue", "crdr": "debit", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/Role_StatementStatementOfChangesInConsolidatedEquityUnaudited"], "lang": { "en-us": { "role": { "negatedLabel": "Repurchase of common stock", "label": "Stock Repurchased During Period, Value", "documentation": "Equity impact of the value of stock that has been repurchased during the period and has not been retired and is not held in treasury. Some state laws may mandate the circumstances under which an entity may acquire its own stock and prescribe the accounting treatment therefore. This element is used when state law does not recognize treasury stock." } } }, "auth_ref": ["r20", "r107", "r108", "r147", "r887", "r958", "r989", "r1111"] }, "us-gaap_StockholdersEquity": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "StockholdersEquity", "crdr": "credit", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/Role_StatementConsolidatedBalanceSheetUnaudited"], "lang": { "en-us": { "role": { "periodEndLabel": "Stockholders' Equity Attributable to Parent, Ending Balance", "periodStartLabel": "Stockholders' Equity Attributable to Parent, Beginning Balance", "totalLabel": "Total Alcoa Corporation shareholders\u2019 equity", "label": "Equity, Attributable to Parent", "documentation": "Amount of equity (deficit) attributable to parent. Excludes temporary equity and equity attributable to noncontrolling interest." } } }, "auth_ref": ["r108", "r112", "r113", "r139", "r920", "r936", "r959", "r960", "r1081", "r1112", "r1239", "r1265", "r1396", "r1454"] }, "us-gaap_StockholdersEquityAbstract": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "StockholdersEquityAbstract", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/Role_StatementConsolidatedBalanceSheetUnaudited"], "lang": { "en-us": { "role": { "terseLabel": "Alcoa Corporation shareholders\u2019 equity:", "label": "Equity, Attributable to Parent [Abstract]" } } }, "auth_ref": [] }, "us-gaap_StockholdersEquityIncludingPortionAttributableToNoncontrollingInterest": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "StockholdersEquityIncludingPortionAttributableToNoncontrollingInterest", "crdr": "credit", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/Role_StatementConsolidatedBalanceSheetUnaudited", "http://www.alcoa.com/20240630/taxonomy/role/Role_StatementStatementOfChangesInConsolidatedEquityUnaudited"], "lang": { "en-us": { "role": { "totalLabel": "Total equity", "periodStartLabel": "Balance", "periodEndLabel": "Balance", "label": "Equity, Including Portion Attributable to Noncontrolling Interest", "documentation": "Amount of equity (deficit) attributable to parent and noncontrolling interest. Excludes temporary equity." } } }, "auth_ref": ["r67", "r68", "r71", "r183", "r184", "r220", "r239", "r240", "r241", "r245", "r252", "r254", "r364", "r370", "r403", "r484", "r619", "r620", "r631", "r632", "r633", "r637", "r644", "r645", "r662", "r663", "r664", "r665", "r666", "r668", "r675", "r712", "r714", "r718", "r724", "r730", "r870", "r871", "r885", "r920", "r936", "r959", "r960", "r991", "r1111", "r1239", "r1265", "r1396", "r1454"] }, "us-gaap_StockholdersEquityIncludingPortionAttributableToNoncontrollingInterestAbstract": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "StockholdersEquityIncludingPortionAttributableToNoncontrollingInterestAbstract", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/Role_StatementConsolidatedBalanceSheetUnaudited"], "lang": { "en-us": { "role": { "terseLabel": "EQUITY", "label": "Equity, Including Portion Attributable to Noncontrolling Interest [Abstract]" } } }, "auth_ref": [] }, "us-gaap_StockholdersEquityOther": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "StockholdersEquityOther", "crdr": "debit", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/Role_StatementStatementOfChangesInConsolidatedEquityUnaudited"], "lang": { "en-us": { "role": { "terseLabel": "Other", "negatedLabel": "Other", "label": "Stockholders' Equity, Other", "documentation": "This element represents movements included in the statement of changes in stockholders' equity which are not separately disclosed or provided for elsewhere in the taxonomy." } } }, "auth_ref": [] }, "us-gaap_SubsequentEventLineItems": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "SubsequentEventLineItems", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/DisclosureSubsequentEventsAdditionalInformationDetails"], "lang": { "en-us": { "role": { "label": "Subsequent Event [Line Items]", "documentation": "Detail information of subsequent event by type. User is expected to use existing line items from elsewhere in the taxonomy as the primary line items for this disclosure, which is further associated with dimension and member elements pertaining to a subsequent event." } } }, "auth_ref": ["r719", "r737"] }, "us-gaap_SubsequentEventMember": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "SubsequentEventMember", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/DisclosureAcquisitionsAndDivestituresAdditionalInformationDetail", "http://www.alcoa.com/20240630/taxonomy/role/DisclosureDebtAdditionalInformationDetail", "http://www.alcoa.com/20240630/taxonomy/role/DisclosureSubsequentEventsAdditionalInformationDetails", "http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureIncomeTaxesAdditionalInformationDetail"], "lang": { "en-us": { "role": { "terseLabel": "Subsequent Event [Member]", "label": "Subsequent Event [Member]", "documentation": "Identifies event that occurred after the balance sheet date but before financial statements are issued or available to be issued." } } }, "auth_ref": ["r719", "r737"] }, "us-gaap_SubsequentEventTable": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "SubsequentEventTable", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/DisclosureSubsequentEventsAdditionalInformationDetails"], "lang": { "en-us": { "role": { "label": "Subsequent Event [Table]", "documentation": "Disclosure of information about significant event or transaction occurring between statement of financial position date and date when financial statements were issued." } } }, "auth_ref": ["r719", "r737"] }, "us-gaap_SubsequentEventTypeAxis": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "SubsequentEventTypeAxis", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/DisclosureAcquisitionsAndDivestituresAdditionalInformationDetail", "http://www.alcoa.com/20240630/taxonomy/role/DisclosureDebtAdditionalInformationDetail", "http://www.alcoa.com/20240630/taxonomy/role/DisclosureSubsequentEventsAdditionalInformationDetails",

"http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureIncomeTaxesAdditionalInformationDetail"], "lang": { "en-us": { "role": { "label": "Subsequent Event Type [Axis]", "documentation": "Information by event that occurred after the balance sheet date but before financial statements are issued or available to be issued." } } }, "auth_ref": ["r719", "r737"] }, "us-gaap_SubsequentEventTypeDomain": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "SubsequentEventTypeDomain", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/DisclosureAcquisitionsAndDivestituresAdditionalInformationDetail", "http://www.alcoa.com/20240630/taxonomy/role/DisclosureDebtAdditionalInformationDetail", "http://www.alcoa.com/20240630/taxonomy/role/DisclosureSubsequentEventsAdditionalInformationDetails", "http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureIncomeTaxesAdditionalInformationDetail"], "lang": { "en-us": { "role": { "label": "Subsequent Event Type [Domain]", "documentation": "Event that occurred after the balance sheet date but before financial statements are issued or available to be issued." } } }, "auth_ref": ["r719", "r737"] }, "us-gaap_SubsequentEventsAbstract": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "SubsequentEventsAbstract", "lang": { "en-us": { "role": { "label": "Subsequent Events [Abstract]" } } }, "auth_ref": [] }, "us-gaap_SubsequentEventsTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "SubsequentEventsTextBlock", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/DisclosureSubsequentEvents"], "lang": { "en-us": { "role": { "terseLabel": "Subsequent Events", "label": "Subsequent Events [Text Block]", "documentation": "The entire disclosure for significant events or transactions that occurred after the balance sheet date through the date the financial statements were issued or the date the financial statements were available to be issued. Examples include: the sale of a capital stock issue, purchase of a business, settlement of litigation, catastrophic loss, significant foreign exchange rate changes, loans to insiders or affiliates, and transactions not in the ordinary course of business." } } }, "auth_ref": ["r736", "r738"] }, "aa_SupplierFinanceProgramsTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://www.alcoa.com/20240630", "localname": "SupplierFinanceProgramsTextBlock", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/DisclosureSupplierFinancePrograms"], "lang": { "en-us": { "role": { "terseLabel": "Supplier Finance Programs", "label": "Supplier Finance Programs [Text Block]", "documentation": "Supplier Finance Programs." } } }, "auth_ref": [] }, "aa_SupplierFinancingAbstract": { "xbrltype": "stringItemType", "nsuri": "http://www.alcoa.com/20240630", "localname": "SupplierFinancingAbstract", "lang": { "en-us": { "role": { "documentation": "Supplier Finance Programs.", "label": "Supplier Finance Programs [Abstract]" } } }, "auth_ref": [] }, "aa_SupplierFinancingTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://www.alcoa.com/20240630", "localname": "SupplierFinancingTextBlock", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/DisclosureSupplierFinancePrograms"], "lang": { "en-us": { "role": { "terseLabel": "Supplier Financing", "label": "Supplier Financing [Text Block]", "documentation": "Supplier financing." } } }, "auth_ref": [] }, "aa_SupplierInvoicesOutstanding": { "xbrltype": "monetaryItemType", "nsuri": "http://www.alcoa.com/20240630", "localname": "SupplierInvoicesOutstanding", "crdr": "credit", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/DisclosureSupplierFinanceProgramsAdditionalInformationDetail"], "lang": { "en-us": { "role": { "terseLabel": "Supplier invoices outstanding", "label": "Supplier Invoices Outstanding", "documentation": "Supplier Invoices Outstanding." } } }, "auth_ref": [] }, "ecd_TabularListTableTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://xbrl.sec.gov/ecd/2024", "localname": "TabularListTableTextBlock", "presentation": ["http://xbrl.sec.gov/ecd/role/PvpDisclosure"], "lang": { "en-us": { "role": { "label": "Tabular List [Table Text Block]", "terseLabel": "Tabular List, Table" } } }, "auth_ref": ["r1168"] }, "aa_TakeOrPayContractsMember": { "xbrltype": "domainItemType", "nsuri": "http://www.alcoa.com/20240630", "localname": "TakeOrPayContractsMember", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureRestructuringAndOtherChargesNetAdditionalInformationDetail"], "lang": { "en-us": { "role": { "terseLabel": "Take Or-Pay Contracts [Member]", "label": "Take Or-Pay Contracts [Member]", "documentation": "Take or-pay Contracts." } } }, "auth_ref": [] }, "us-gaap_TaxAdjustmentsSettlementsAndUnusualProvisions": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "TaxAdjustmentsSettlementsAndUnusualProvisions", "crdr": "debit", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/DisclosureContingenciesAdditionalInformation1Detail"], "lang": { "en-us": { "role": { "terseLabel": "Reduction in current year cash tax payment", "label": "Tax Adjustments, Settlements, and Unusual Provisions", "documentation": "Amount of increase (decrease) to previously recorded tax expense. Includes, but is not limited to, significant settlements of income tax disputes, and unusual tax positions or infrequent actions taken by the entity, including tax assessment reversal, and IRS tax settlement." } } }, "auth_ref": ["r1374"] }, "aa_TaxAssessmentDeposit": { "xbrltype": "monetaryItemType", "nsuri": "http://www.alcoa.com/20240630", "localname": "TaxAssessmentDeposit", "crdr": "debit", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/DisclosureContingenciesAdditionalInformation1Detail"], "lang": { "en-us": { "role": { "terseLabel": "Tax assessment deposit", "label": "Tax Assessment Deposit", "documentation": "Tax assessment deposit." } } }, "auth_ref": [] }, "aa_TaxCreditPreviouslyClaimedAndDisallowedByTaxAuthority": { "xbrltype": "monetaryItemType", "nsuri": "http://www.alcoa.com/20240630", "localname": "TaxCreditPreviouslyClaimedAndDisallowedByTaxAuthority", "crdr": "credit", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/DisclosureContingenciesAdditionalInformation1Detail"], "lang": { "en-us": { "role": { "terseLabel": "Disallowed tax credits", "label": "Tax Credit Previously Claimed And Disallowed By Tax Authority", "documentation": "Tax credit previously claimed and disallowed by tax authority." } } }, "auth_ref": [] }, "us-gaap_TaxesPayableCurrent": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "TaxesPayableCurrent", "crdr": "credit", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/Role_StatementConsolidatedBalanceSheetUnaudited"], "lang": { "en-us": { "role": { "totalLabel": "Taxes Payable, Current, Total", "terseLabel": "Taxes, including income taxes", "label": "Taxes Payable, Current", "documentation": "Carrying value as of the balance sheet date of obligations incurred and payable for statutory income, sales, use, payroll, excise, real, property and other taxes. Used to reflect the current portion of the liabilities (due within one year or within the normal operating cycle if longer)." } } }, "auth_ref": ["r98", "r99"] }, "aa_ThirdPartySalesMember": { "xbrltype": "domainItemType", "nsuri": "http://www.alcoa.com/20240630", "localname": "ThirdPartySalesMember", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureSegmentInformationScheduleOfOperatingResultsOfAlcoaSReportableSegmentsDetail"], "lang": { "en-us": { "role": { "terseLabel": "Third-Party Sales [Member]", "label": "Third Party Sales [Member]", "documentation": "Third party sales." } } }, "auth_ref": [] }, "ecd_TotalShareholderRtnAmt": { "xbrltype": "monetaryItemType", "nsuri": "http://xbrl.sec.gov/ecd/2024", "localname": "TotalShareholderRtnAmt", "presentation": ["http://xbrl.sec.gov/ecd/role/PvpDisclosure"], "lang": { "en-us": { "role": { "label": "Total Shareholder Return Amount", "terseLabel": "Total Shareholder Return Amount" } } }, "auth_ref": ["r1160"] }, "ecd_TotalShareholderRtnVsPeerGroupTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://xbrl.sec.gov/ecd/2024", "localname": "TotalShareholderRtnVsPeerGroupTextBlock", "presentation": ["http://xbrl.sec.gov/ecd/role/PvpDisclosure"], "lang": { "en-us": { "role": { "label": "Total Shareholder Return Vs Peer Group [Text Block]", "terseLabel": "Total Shareholder Return Vs Peer Group" } } }, "auth_ref": ["r1167"] }, "ecd_TradingArrAxis": { "xbrltype": "stringItemType", "nsuri": "http://xbrl.sec.gov/ecd/2024", "localname": "TradingArrAxis", "presentation": ["http://xbrl.sec.gov/ecd/role/InsiderTradingArrangements"], "lang": { "en-us": { "role": { "label": "Trading Arrangement [Axis]", "terseLabel": "Trading Arrangement:" } } }, "auth_ref": ["r1187"] }, "ecd_TradingArrByIndTable": { "xbrltype": "stringItemType", "nsuri": "http://xbrl.sec.gov/ecd/2024", "localname": "TradingArrByIndTable", "presentation": ["http://xbrl.sec.gov/ecd/role/InsiderTradingArrangements"], "lang": { "en-us": { "role": { "label": "Trading Arrangements, by Individual [Table]", "terseLabel": "Trading Arrangements, by Individual" } } }, "auth_ref": ["r1189"] }, "dei_TradingSymbol": { "xbrltype": "tradingSymbolItemType", "nsuri": "http://xbrl.sec.gov/dei/2024", "localname": "TradingSymbol", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/DocumentDocumentAndEntityInformation"], "lang": { "en-us": { "role": { "terseLabel": "Trading Symbol", "label": "Trading Symbol", "documentation": "Trading symbol of an instrument as listed on an exchange." } } }, "auth_ref": [] }, "us-gaap_TransfersAndServicingOfFinancialInstrumentsTypesOfFinancialInstrumentsDomain": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "TransfersAndServicingOfFinancialInstrumentsTypesOfFinancialInstrumentsDomain", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureDerivativesAndOtherFinancialInstrumentsScheduleOfFairValuesOfLevel3DerivativeInstrumentsRecordedAsAsse", "http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureDerivativesAndOtherFinancialInstrumentsScheduleOfQuantitativeInformationForLevel3DerivativeContractsDeta"], "lang": { "en-us": { "role": { "terseLabel": "Financial Instruments", "label": "Financial Instruments [Domain]", "documentation": "Instrument or contract that imposes a contractual obligation to deliver cash or another financial instrument or to exchange other financial instruments on potentially unfavorable terms and conveys a contractual right to receive cash or another financial instrument or to exchange other financial instruments on potentially favorable terms." } } }, "auth_ref": ["r323", "r324", "r325", "r326", "r327", "r328", "r329", "r330", "r331", "r332", "r333", "r334", "r335", "r336", "r337", "r338", "r339", "r340", "r341", "r342", "r343", "r344", "r345", "r346", "r347", "r348", "r349", "r350", "r351", "r352", "r476", "r482", "r669", "r700", "r739", "r740", "r741", "r742", "r743", "r744", "r745", "r746", "r747", "r748", "r749", "r750", "r751", "r752", "r753", "r755", "r756", "r757", "r758", "r759", "r760", "r761", "r762", "r763", "r764", "r765", "r766", "r767", "r768", "r769", "r839", "r1069", "r1071", "r1073", "r1074", "r1075", "r1076", "r1077", "r1078", "r1079", "r1082", "r1213", "r1214", "r1215", "r1216", "r1217", "r1218", "r1219", "r1261", "r1262", "r1263", "r1264", "r1380", "r1383", "r1384", "r1385", "r1392", "r1395"] }, "ecd_TrdArrAdoptionDate": { "xbrltype": "stringItemType", "nsuri": "http://xbrl.sec.gov/ecd/2024", "localname": "TrdArrAdoptionDate", "presentation": ["http://xbrl.sec.gov/ecd/role/InsiderTradingArrangements"], "lang": { "en-us": { "role": { "label": "Trading Arrangement Adoption Date", "terseLabel": "Adoption Date" } } }, "auth_ref": ["r1190"] }, "ecd_TrdArrDuration": { "xbrltype": "durationItemType", "nsuri": "http://xbrl.sec.gov/ecd/2024", "localname": "TrdArrDuration", "presentation": ["http://xbrl.sec.gov/ecd/role/InsiderTradingArrangements"], "lang": { "en-us": { "role": { "label": "Trading Arrangement Duration", "terseLabel": "Arrangement Duration" } } }, "auth_ref": ["r1191"] }, "ecd_TrdArrExpirationDate": { "xbrltype": "stringItemType", "nsuri": "http://xbrl.sec.gov/ecd/2024", "localname": "TrdArrExpirationDate", "presentation": ["http://xbrl.sec.gov/ecd/role/InsiderTradingArrangements"], "lang": { "en-us": { "role": { "label": "Trading Arrangement Expiration Date", "terseLabel": "Expiration Date" } } }, "auth_ref": ["r1191"] }, "ecd_TrdArrIndName": { "xbrltype": "stringItemType", "nsuri": "http://xbrl.sec.gov/ecd/2024", "localname": "TrdArrIndName", "presentation": ["http://xbrl.sec.gov/ecd/role/InsiderTradingArrangements"], "lang": { "en-us": { "role": { "label": "Trading Arrangement, Individual Name", "terseLabel": "Name" } } }, "auth_ref": ["r1189"] }, "ecd_TrdArrIndTitle": { "xbrltype": "stringItemType", "nsuri": "http://xbrl.sec.gov/ecd/2024", "localname": "TrdArrIndTitle", "presentation": ["http://xbrl.sec.gov/ecd/role/InsiderTradingArrangements"], "lang": { "en-us": { "role": { "label": "Trading Arrangement, Individual Title", "terseLabel": "Title" } } }, "auth_ref": ["r1189"] }, "ecd_TrdArrSecuritiesAggAvailAmt": { "xbrltype": "sharesItemType", "nsuri": "http://xbrl.sec.gov/ecd/2024", "localname": "TrdArrSecuritiesAggAvailAmt", "presentation": ["http://xbrl.sec.gov/ecd/role/InsiderTradingArrangements"], "lang": { "en-us": { "role": { "label": "Trading Arrangement, Securities Aggregate Available Amount", "terseLabel": "Aggregate Available" } } }, "auth_ref": ["r1192"] }, "ecd_TrdArrTerminationDate": { "xbrltype": "stringItemType", "nsuri": "http://xbrl.sec.gov/ecd/2024", "localname": "TrdArrTerminationDate", "presentation": ["http://xbrl.sec.gov/ecd/role/InsiderTradingArrangements"], "lang": { "en-us": { "role": { "label": "Trading Arrangement Termination Date", "terseLabel": "Termination Date" } } }, "auth_ref": ["r1190"] }, "aa_TwentyTwentyFourRestructuringPlanMember": { "xbrltype": "domainItemType", "nsuri": "http://www.alcoa.com/20240630", "localname": "TwentyTwentyFourRestructuringPlanMember", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureRestructuringAndOtherChargesNetAdditionalInformationDetail"], "lang": { "en-us": { "role": { "terseLabel": "2024 Restructuring Plans Action [Member]", "label": "Twenty Twenty Four Restructuring Plan [Member]", "documentation": "Twenty twenty four restructuring plan." } } }, "auth_ref": [] }, "aa_TwentyTwentyThreeRestructuringPlanMember": { "xbrltype": "domainItemType", "nsuri": "http://www.alcoa.com/20240630", "localname": "TwentyTwentyThreeRestructuringPlanMember", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureRestructuringAndOtherChargesNetAdditionalInformationDetail"], "lang": { "en-us": { "role": { "terseLabel": "2023 Restructuring Plans Action [Member]", "label": "Twenty Twenty Three Restructuring Plan [Member]", "documentation": "Twenty twenty three restructuring plan." } } }, "auth_ref": [] }, "aa_TwentyTwentyTwoRestructuringPlanMember": { "xbrltype": "domainItemType", "nsuri": "http://www.alcoa.com/20240630", "localname": "TwentyTwentyTwoRestructuringPlanMember", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureRestructuringAndOtherChargesNetAdditionalInformationDetail"], "lang": { "en-us": { "role": { "terseLabel": "2022 Restructuring Plans Action [Member]", "label": "Twenty Twenty Two Restructuring Plan [Member]", "documentation": "Twenty twenty two restructuring plan." } } }, "auth_ref": [] }, "aa_TwoThousandThirtySixMember": { "xbrltype": "domainItemType", "nsuri": "http://www.alcoa.com/20240630", "localname": "TwoThousandThirtySixMember", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureDerivativesAndOtherFinancialInstrumentsScheduleOfQuantitativeInformationForLevel3DerivativeContractsDeta"], "lang": { "en-us": { "role": { "terseLabel": "2036 [Member]", "label": "Two Thousand Thirty Six [Member]", "documentation": "Two thousand thirty six." } } }, "auth_ref": [] }, "aa_TwoThousandTwentyActionPlanTwoMember": { "xbrltype": "domainItemType", "nsuri": "http://www.alcoa.com/20240630", "localname": "TwoThousandTwentyActionPlanTwoMember", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/DisclosurePensionAndOtherPostretirementBenefitsAdditionalInformationDetail"], "lang": { "en-us": { "role": { "documentation": "Two thousand twenty action plan two.", "label": "Two Thousand Twenty Action Plan Two [Member]", "terseLabel": "Action# 2 [Member]" } } }, "auth_ref": [] }, "aa_TwoThousandTwentyFourActionPlanOneMember": { "xbrltype": "domainItemType", "nsuri": "http://www.alcoa.com/20240630", "localname": "TwoThousandTwentyFourActionPlanOneMember", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/DisclosurePensionAndOtherPostretirementBenefitsSummaryOfInformationInCurtailmentOrSettlementOfBenefitsRequiringRem", "http://www.alcoa.com/20240630/taxonomy/role/DisclosurePensionAndOtherPostretirementBenefitsAdditionalInformationDetail"], "lang": { "en-us": { "role": { "terseLabel": "Action# 1 [Member]", "label": "Two Thousand Twenty Four Action Plan One [Member]", "documentation": "Two thousand twenty four action plan one." } } },

"auth_ref": [] }, "aa_TwoThousandTwentyFourActionPlanTwoMember": { "xbrltype": "domainItemType", "nsuri": "http://www.alcoa.com/20240630", "localname": "TwoThousandTwentyFourActionPlanTwoMember", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/DisclosurePensionAndOtherPostretirementBenefitsSummaryOfInformationInCurtailmentOrSettlementOfBenefitsRequiringRem "http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosurePensionAndOtherPostretirementBenefitsAdditionalInformationDetail"], "lang": { "en-us": { "role": { "terseLabel": "Action #2 [Member]", "label": "Two Thousand Twenty Four Action Plan Two [Member]", "documentation": "Two thousand twenty four action plan two." } } }, "auth_ref": [] }, "aa_TwoThousandTwentyFourActionPlansMember": { "xbrltype": "domainItemType", "nsuri": "http://www.alcoa.com/20240630", "localname": "TwoThousandTwentyFourActionPlansMember", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/DisclosurePensionAndOtherPostretirementBenefitsSummaryOfInformationInCurtailmentOrSettlementOfBenefitsRequiringRem], "lang": { "en-us": { "role": { "terseLabel": "2024 Plan Actions [Member]", "label": "Two Thousand Twenty Four Action Plans [Member]", "documentation": "Two thousand twenty four action plans." } } }, "auth_ref": [] }, "aa_TwoThousandTwentyFourMember": { "xbrltype": "domainItemType", "nsuri": "http://www.alcoa.com/20240630", "localname": "TwoThousandTwentyFourMember", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureDerivativesAndOtherFinancialInstrumentsScheduleOfQuantitativeInformationForLevel3DerivativeContractsDeta], "lang": { "en-us": { "role": { "terseLabel": "2024 [Member]", "label": "Two Thousand Twenty Four [Member]", "documentation": "Two Thousand Twenty Four." } } }, "auth_ref": [] }, "aa_TwoThousandTwentyNineMember": { "xbrltype": "domainItemType", "nsuri": "http://www.alcoa.com/20240630", "localname": "TwoThousandTwentyNineMember", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureDerivativesAndOtherFinancialInstrumentsScheduleOfQuantitativeInformationForLevel3DerivativeContractsDeta], "lang": { "en-us": { "role": { "terseLabel": "2029 [Member]", "label": "Two Thousand Twenty Nine [Member]", "documentation": "Two thousand twenty nine." } } }, "auth_ref": [] }, "aa_TwoThousandTwentySevenMember": { "xbrltype": "domainItemType", "nsuri": "http://www.alcoa.com/20240630", "localname": "TwoThousandTwentySevenMember", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureDerivativesAndOtherFinancialInstrumentsScheduleOfQuantitativeInformationForLevel3DerivativeContractsDeta], "lang": { "en-us": { "role": { "terseLabel": "2027 [Member]", "label": "Two Thousand Twenty Seven [Member]", "documentation": "Two thousand twenty seven." } } }, "auth_ref": [] }, "aa_TwoThousandTwentyThreeActionPlanOneMember": { "xbrltype": "domainItemType", "nsuri": "http://www.alcoa.com/20240630", "localname": "TwoThousandTwentyThreeActionPlanOneMember", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosurePensionAndOtherPostretirementBenefitsAdditionalInformationDetail"], "lang": { "en-us": { "role": { "terseLabel": "Action# 1 [Member]", "label": "Two Thousand Twenty Three Action Plan One [Member]", "documentation": "Two Thousand Twenty Three Action Plan One [Member]" } } }, "auth_ref": [] }, "aa_TwoThousandTwentyThreeActionPlanThreeMember": { "xbrltype": "domainItemType", "nsuri": "http://www.alcoa.com/20240630", "localname": "TwoThousandTwentyThreeActionPlanThreeMember", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosurePensionAndOtherPostretirementBenefitsAdditionalInformationDetail"], "lang": { "en-us": { "role": { "documentation": "Two thousand twenty three action plan three.", "label": "Two Thousand Twenty Three Action Plan Three [Member]", "terseLabel": "Action# 3 [Member]" } } }, "auth_ref": [] }, "aa_TwoThousandTwentyThreeMember": { "xbrltype": "domainItemType", "nsuri": "http://www.alcoa.com/20240630", "localname": "TwoThousandTwentyThreeMember", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureDerivativesAndOtherFinancialInstrumentsScheduleOfQuantitativeInformationForLevel3DerivativeContractsDeta], "lang": { "en-us": { "role": { "terseLabel": "2023 [Member]", "label": "Two Thousand Twenty Three [Member]", "documentation": "Two thousand twenty three." } } }, "auth_ref": [] }, "us-gaap_TypeOfArrangementAxis": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "TypeOfArrangementAxis", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/DisclosureReceivablesAdditionalInformationDetail"], "lang": { "en-us": { "role": { "label": "Collaborative Arrangement and Arrangement Other than Collaborative [Axis]", "documentation": "Information by collaborative arrangement and arrangement other than collaborative applicable to revenue-generating activity or operations." } } }, "auth_ref": ["r646"] }, "us-gaap_TypeOfCostGoodOrServiceExtensibleList": { "xbrltype": "enumerationSetItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "TypeOfCostGoodOrServiceExtensibleList", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureDerivativesAndOtherFinancialInstrumentsScheduleOfReconciliationOfActivityForDerivativeContractsDetail"], "lang": { "en-us": { "role": { "label": "Cost, Product and Service [Extensible Enumeration]", "documentation": "Indicates type of cost from product sold and service rendered." } } }, "auth_ref": ["r1306"] }, "us-gaap_TypeOfRestructuringDomain": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "TypeOfRestructuringDomain", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/DisclosureContingenciesAdditionalInformationDetail", "http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureRestructuringAndOtherChargesNetActivityAndReserveBalancesForRestructuringChargesDetail", "http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureRestructuringAndOtherChargesNetAdditionalInformationDetail"], "lang": { "en-us": { "role": { "terseLabel": "Type of Restructuring", "label": "Type of Restructuring [Domain]", "documentation": "Identification of the types of restructuring costs." } } }, "auth_ref": ["r419", "r420", "r425", "r426"] }, "country_US": { "xbrltype": "domainItemType", "nsuri": "http://xbrl.sec.gov/country/2024", "localname": "US", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosurePensionAndOtherPostretirementBenefitsAdditionalInformationDetail"], "lang": { "en-us": { "role": { "terseLabel": "United States [Member]", "label": "UNITED STATES" } } }, "auth_ref": [] }, "ecd_UndrlygSecurityMktPriceChngPct": { "xbrltype": "pureItemType", "nsuri": "http://xbrl.sec.gov/ecd/2024", "localname": "UndrlygSecurityMktPriceChngPct", "presentation": ["http://xbrl.sec.gov/ecd/role/AwardTimingDisclosure"], "lang": { "en-us": { "role": { "label": "Underlying Security Market Price Change, Percent", "terseLabel": "Underlying Security Market Price Change" } } }, "auth_ref": ["r1186"] }, "aa_UnfavorableFavorableImpactIncomeTaxExpenseBenefit": { "xbrltype": "monetaryItemType", "nsuri": "http://www.alcoa.com/20240630", "localname": "UnfavorableFavorableImpactIncomeTaxExpenseBenefit", "crdr": "debit", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureIncomeTaxesScheduleOfIncomeTaxesDetail"], "lang": { "en-us": { "role": { "verboseLabel": "Unfavorable (favorable) tax impact related to losses in jurisdictions with no tax benefit", "terseLabel": "(Favorable) unfavorable tax impact related to losses in jurisdictions with no tax benefit", "label": "Unfavorable Favorable Impact Income Tax Expense Benefit", "documentation": "Unfavorable (favorable) impact income tax expense benefit." } } }, "auth_ref": [] }, "us-gaap_UnrealizedGainLossOnDerivatives": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "UnrealizedGainLossOnDerivatives", "crdr": "credit", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/DisclosureOtherFinancialInformationScheduleOfOtherIncomeExpensesNetDetail"], "lang": { "en-us": { "role": { "negatedLabel": "Net (gain) loss on mark-to-market derivative instruments", "terseLabel": "Net gain on mark-to-market derivative instruments", "label": "Unrealized Gain (Loss) on Derivatives", "documentation": "The net change in the difference between the fair value and the carrying value, or in the comparative fair values, of derivative instruments, including options, swaps, futures, and forward contracts, held at each balance sheet date, that was included in earnings for the period." } } }, "auth_ref": ["r15", "r951", "r952", "r953", "r954", "r975"] }, "aa_UnsoldCustomerReceivablesAsCollateralSoldReceivables": { "xbrltype": "monetaryItemType", "nsuri": "http://www.alcoa.com/20240630", "localname": "UnsoldCustomerReceivablesAsCollateralSoldReceivables", "crdr": "debit", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/DisclosureReceivablesAdditionalInformationDetail"], "lang": { "en-us": { "role": { "terseLabel": "Unsold customer receivables as collateral sold receivables", "label": "Unsold Customer Receivables As Collateral Sold Receivables", "documentation": "Unsold Customer Receivables As Collateral Sold Receivables." } } }, "auth_ref": [] }, "aa_ValuationAllowanceOnBrazilValueAddedTaxesMember": { "xbrltype": "domainItemType", "nsuri": "http://www.alcoa.com/20240630", "localname": "ValuationAllowanceOnBrazilValueAddedTaxesMember", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureRestructuringAndOtherChargesNetAdditionalInformationDetail"], "lang": { "en-us": { "role": { "documentation": "Brazil value-added taxes.", "label": "Valuation Allowance On Brazil Value Added Taxes [Member]", "terseLabel": "Valuation Allowance on Brazil Value-Added Taxes [Member]" } } }, "auth_ref": [] }, "aa_ValuationAllowanceWithCreditToCostOfGoodsSold": { "xbrltype": "monetaryItemType", "nsuri": "http://www.alcoa.com/20240630", "localname": "ValuationAllowanceWithCreditToCostOfGoodsSold", "crdr": "debit", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/DisclosureOtherFinancialInformationAdditionalInformationDetails"], "lang": { "en-us": { "role": { "documentation": "Valuation allowance with credit to cost of goods sold.", "label": "Valuation Allowance With Credit To Cost Of Goods Sold", "terseLabel": "Valuation allowance with credit to cost of goods sold" } } }, "auth_ref": [] }, "us-gaap_ValueAddedTaxReceivable": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ValueAddedTaxReceivable", "crdr": "debit", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/DisclosureContingenciesAdditionalInformation1Detail"], "lang": { "en-us": { "role": { "terseLabel": "Federal value added tax credits", "label": "Value Added Tax Receivable", "documentation": "Carrying amount as of the balance sheet date of value added taxes due either from customers arising from sales on credit terms, or as previously overpaid to tax authorities." } } }, "auth_ref": ["r1225"] }, "us-gaap_ValueAddedTaxReceivableNoncurrent": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ValueAddedTaxReceivableNoncurrent", "crdr": "debit", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/DisclosureOtherFinancialInformationScheduleOfOtherNoncurrentAssetsDetail"], "lang": { "en-us": { "role": { "terseLabel": "Value added tax credits", "label": "Value Added Tax Receivable, Noncurrent", "documentation": "Carrying amount due after one year of the balance sheet date (or one operating cycle), if longer of value added taxes due either from customers arising from sales on credit terms, or as previously overpaid to tax authorities." } } }, "auth_ref": ["r1222"] }, "aa_ValueAddedTaxRefundReceived": { "xbrltype": "monetaryItemType", "nsuri": "http://www.alcoa.com/20240630", "localname": "ValueAddedTaxRefundReceived", "crdr": "debit", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/DisclosureContingenciesAdditionalInformation1Detail"], "lang": { "en-us": { "role": { "terseLabel": "Value added tax refund received", "label": "Value Added Tax Refund Received", "documentation": "Value added tax refund received." } } }, "auth_ref": [] }, "ecd_VstngDtFrValOfEqtyAwrdsGrntdAndVstdInCvrdYrMember": { "xbrltype": "domainItemType", "nsuri": "http://xbrl.sec.gov/ecd/2024", "localname": "VstngDtFrValOfEqtyAwrdsGrntdAndVstdInCvrdYrMember", "presentation": ["http://xbrl.sec.gov/ecd/role/PvpDisclosure"], "lang": { "en-us": { "role": { "label": "Vesting Date Fair Value of Equity Awards Granted and Vested in Covered Year [Member]", "terseLabel": "Vesting Date Fair Value of Equity Awards Granted and Vested in Covered Year" } } }, "auth_ref": ["r1156"] }, "aa_WarrickRollingMillMember": { "xbrltype": "domainItemType", "nsuri": "http://www.alcoa.com/20240630", "localname": "WarrickRollingMillMember", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/DisclosureAcquisitionsAndDivestituresAdditionalInformationDetail", "http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureRestructuringAndOtherChargesNetAdditionalInformationDetail"], "lang": { "en-us": { "role": { "terseLabel": "Warrick Rolling Mill [Member]", "label": "Warrick Rolling Mill [Member]", "documentation": "Warrick Rolling Mill." } } }, "auth_ref": [] }, "aa_WaterManagementCostsMember": { "xbrltype": "domainItemType", "nsuri": "http://www.alcoa.com/20240630", "localname": "WaterManagementCostsMember", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureRestructuringAndOtherChargesNetAdditionalInformationDetail"], "lang": { "en-us": { "role": { "terseLabel": "Water Management Costs [Member]", "label": "Water Management Costs [Member]", "documentation": "Water management costs." } } }, "auth_ref": [] }, "us-gaap_WeightedAverageNumberDilutedSharesOutstandingAdjustmentAbstract": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "WeightedAverageNumberDilutedSharesOutstandingAdjustmentAbstract", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureEarningsPerShareScheduleOfComputationOfBasicAndDilutedEPSAttributableToAlcoaCorporationCommonShare], "lang": { "en-us": { "role": { "terseLabel": "Effect of dilutive securities:", "label": "Weighted Average Number of Shares Outstanding, Diluted, Adjustment [Abstract]" } } }, "auth_ref": [] }, "us-gaap_WeightedAverageNumberOfDilutedSharesOutstanding": { "xbrltype": "sharesItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "WeightedAverageNumberOfDilutedSharesOutstanding", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureEarningsPerShareScheduleOfComputationOfBasicAndDilutedEPSAttributableToAlcoaCorporationCommonShare], "lang": { "en-us": { "role": { "totalLabel": "Average shares outstanding \u2013 diluted", "label": "Weighted Average Number of Shares Outstanding, Diluted", "documentation": "The average number of shares or units issued and outstanding that are used in calculating diluted EPS or earnings per unit (EPU), determined based on the timing of issuance of shares or units in the period." } } }, "auth_ref": ["r262", "r271"] }, "us-gaap_WeightedAverageNumberOfSharesOutstandingBasic": { "xbrltype": "sharesItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "WeightedAverageNumberOfSharesOutstandingBasic", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureEarningsPerShareScheduleOfComputationOfBasicAndDilutedEPSAttributableToAlcoaCorporationCommonShare], "lang": { "en-us": { "role": { "totalLabel": "Weighted Average Number of Shares Outstanding, Basic, Total", "terseLabel": "Average shares outstanding \u2013 basic", "label": "Weighted Average Number of Shares Outstanding, Basic", "documentation": "Number of [basic] shares or units, after adjustment for contingently issuable shares or units and other shares or units not deemed outstanding, determined by relating the portion of time within a reporting period that common shares or units have been outstanding to the total time in that period." } } }, "auth_ref": ["r261", "r271"] }, "aa_WenatcheeAndIntalcoFacilityMember": { "xbrltype": "domainItemType", "nsuri": "http://www.alcoa.com/20240630", "localname": "WenatcheeAndIntalcoFacilityMember", "presentation": ["http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureRestructuringAndOtherChargesNetAdditionalInformationDetail"], "lang": { "en-us": { "role": { "terseLabel": "Wenatchee (Washington) and Intalco [Member]", "label": "Wenatchee And Intalco Facility [Member]", "documentation": "Wenatchee and Intalco facility." } } }, "auth_ref": [] }, "aa_WenatcheeFacilityMember": { "xbrltype": "domainItemType", "nsuri": "http://www.alcoa.com/20240630", "localname": "WenatcheeFacilityMember", "presentation": [

"http://www.alcoa.com/20240630/taxonomy/role/Role_DisclosureRestructuringAndOtherChargesNetAdditionalInformationDetail"], "lang": { "en-us": { "role": { "documentation": "Wenatchee facility.", "label": "Wenatchee Facility [Member]", "terseLabel": "Wenatchee (Washington) [Member]" } } }, "auth_ref": [] }, "ecd_YrEndFrValOfEqtyAwrdsGrntdInCvrdYrOutsdngAndUnvstdMember": { "xbrltype": "domainItemType", "nsuri": "http://xbrl.sec.gov/ecd/2024", "localname": "YrEndFrValOfEqtyAwrdsGrntdInCvrdYrOutsdngAndUnvstdMember", "presentation": ["http://xbrl.sec.gov/ecd/role/PvpDisclosure"], "lang": { "en-us": { "role": { "label": "Year-end Fair Value of Equity Awards Granted in Covered Year that are Outstanding and Unvested [Member]", "terseLabel": "Year-end Fair Value of Equity Awards Granted in Covered Year that are Outstanding and Unvested" } } }, "auth_ref": ["r1154"] } } }, "std_ref": { "r0": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Name": "Accounting Standards Codification", "Section": "30", "Paragraph": "7", "SubTopic": "30", "Topic": "805", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147479637/805-30-30-7" }, "r1": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Name": "Accounting Standards Codification", "Section": "30", "Paragraph": "8", "SubTopic": "30", "Topic": "805", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147479637/805-30-30-8" }, "r2": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Name": "Accounting Standards Codification", "Section": "45", "Paragraph": "1", "SubTopic": "230", "Topic": "830", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147477401/830-230-45-1" }, "r3": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Name": "Accounting Standards Codification", "Section": "45", "Paragraph": "10A", "SubTopic": "10", "Topic": "220", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482790/220-10-45-10A" }, "r4": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Name": "Accounting Standards Codification", "Section": "45", "Paragraph": "10A", "Subparagraph": "(a)", "SubTopic": "10", "Topic": "220", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482790/220-10-45-10A" }, "r5": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Name": "Accounting Standards Codification", "Section": "45", "Paragraph": "10A", "Subparagraph": "(j)", "SubTopic": "10", "Topic": "220", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482790/220-10-45-10A" }, "r6": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Name": "Accounting Standards Codification", "Section": "45", "Paragraph": "10A", "Subparagraph": "(k)", "SubTopic": "10", "Topic": "220", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482790/220-10-45-10A" }, "r7": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Name": "Accounting Standards Codification", "Section": "45", "Paragraph": "12", "SubTopic": "10", "Topic": "220", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482790/220-10-45-12" }, "r8": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Name": "Accounting Standards Codification", "Section": "45", "Paragraph": "14", "SubTopic": "10", "Topic": "360", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482130/360-10-45-14" }, "r9": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Name": "Accounting Standards Codification", "Section": "45", "Paragraph": "14", "Subparagraph": "(a)", "SubTopic": "10", "Topic": "230", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482740/230-10-45-14" }, "r10": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Name": "Accounting Standards Codification", "Section": "45", "Paragraph": "15", "SubTopic": "10", "Topic": "220", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482790/220-10-45-15" }, "r11": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Name": "Accounting Standards Codification", "Section": "45", "Paragraph": "2", "SubTopic": "405", "Topic": "942", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147477787/942-405-45-2" }, "r12": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Name": "Accounting Standards Codification", "Section": "45", "Paragraph": "20", "SubTopic": "10", "Topic": "810", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481231/810-10-45-20" }, "r13": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Name": "Accounting Standards Codification", "Section": "45", "Paragraph": "25", "Subparagraph": "(g)", "SubTopic": "10", "Topic": "230", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482740/230-10-45-25" }, "r14": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Name": "Accounting Standards Codification", "Section": "45", "Paragraph": "28", "Subparagraph": "(a)", "SubTopic": "10", "Topic": "230", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482740/230-10-45-28" }, "r15": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Name": "Accounting Standards Codification", "Section": "45", "Paragraph": "28", "Subparagraph": "(b)", "SubTopic": "10", "Topic": "230", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482740/230-10-45-28" }, "r16": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1", "SubTopic": "10", "Topic": "360", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482099/360-10-50-1" }, "r17": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1", "SubTopic": "20", "Topic": "715", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480506/715-20-50-1" }, "r18": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1", "Subparagraph": "(b)", "SubTopic": "30", "Topic": "805", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147479581/805-30-50-1" }, "r19": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1A", "Subparagraph": "(c)(3)", "SubTopic": "10", "Topic": "810", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481203/810-10-50-1A" }, "r20": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "2", "SubTopic": "10", "Topic": "505", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481112/505-10-50-2" }, "r21": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "2", "SubTopic": "10", "Topic": "815", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480434/815-10-50-2" }, "r22": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "2A", "Subparagraph": "(a)", "SubTopic": "10", "Topic": "718", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480429/718-10-50-2A" }, "r23": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "3", "SubTopic": "10", "Topic": "360", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482099/360-10-50-3" }, "r24": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "4", "SubTopic": "10", "Topic": "280", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482810/280-10-50-4" }, "r25": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "4D", "Subparagraph": "(b)", "SubTopic": "10", "Topic": "815", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480434/815-10-50-4D" }, "r26": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Name": "Accounting Standards Codification", "Section": "55", "Paragraph": "15", "SubTopic": "10", "Topic": "220", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482739/220-10-55-15" }, "r27": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1", "Subparagraph": "(SX 210.5-02(22))", "SubTopic": "10", "Topic": "210", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480566/210-10-S99-1" }, "r28": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Name": "Accounting Standards Codification", "Topic": "210", "SubTopic": "10", "Section": "50", "Paragraph": "1", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147483489/210-10-50-1" }, "r29": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Name": "Accounting Standards Codification", "Topic": "220", "SubTopic": "10", "Section": "45", "Paragraph": "14", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482790/220-10-45-14" }, "r30": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Name": "Accounting Standards Codification", "Topic": "220", "SubTopic": "10", "Section": "45", "Paragraph": "14A", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482790/220-10-45-14A" }, "r31": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Name": "Accounting Standards Codification", "Topic": "220", "SubTopic": "10", "Section": "45", "Paragraph": "5", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482790/220-10-45-5" }, "r32": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Name": "Accounting Standards Codification", "Topic": "230", "SubTopic": "10", "Section": "45", "Paragraph": "12", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482740/230-10-45-12" }, "r33": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Name": "Accounting Standards Codification", "Topic": "230", "SubTopic": "10", "Section": "45", "Paragraph": "14", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482740/230-10-45-14" }, "r34": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Name": "Accounting Standards Codification", "Topic": "230", "SubTopic": "10", "Section": "45", "Paragraph": "14", "Subparagraph": "(b)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482740/230-10-45-14" }, "r35": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Name": "Accounting Standards Codification", "Topic": "230", "SubTopic": "10", "Section": "45", "Paragraph": "4", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482740/230-10-45-4" }, "r36": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Name": "Accounting Standards Codification", "Topic": "230", "SubTopic": "10", "Section": "50", "Paragraph": "3", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482913/230-10-50-3" }, "r37": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Name": "Accounting Standards Codification", "Topic": "230", "SubTopic": "10", "Section": "50", "Paragraph": "4", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482913/230-10-50-4" }, "r38": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Name": "Accounting Standards Codification", "Topic": "230", "SubTopic": "10", "Section": "50", "Paragraph": "5", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482913/230-10-50-5" }, "r39": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Name": "Accounting Standards Codification", "Topic": "250", "SubTopic": "10", "Section": "50", "Paragraph": "3", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147483443/250-10-50-3" }, "r40": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Name": "Accounting Standards Codification", "Topic": "260", "SubTopic": "10", "Section": "45", "Paragraph": "68B", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482689/260-10-45-68B" }, "r41": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Name": "Accounting Standards Codification", "Topic": "260", "SubTopic": "10", "Section": "50", "Paragraph": "1", "Subparagraph": "(c)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482662/260-10-50-1" }, "r42": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Name": "Accounting Standards Codification", "Topic": "270", "SubTopic": "10", "Section": "45", "Paragraph": "12", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482989/270-10-45-12" }, "r43": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Name": "Accounting Standards Codification", "Topic": "270", "SubTopic": "10", "Section": "45", "Paragraph": "13", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482989/270-10-45-13" }, "r44": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Name": "Accounting Standards Codification", "Topic": "280", "SubTopic": "10", "Section": "50", "Paragraph": "22", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482810/280-10-50-22" }, "r45": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Name": "Accounting Standards Codification", "Topic": "280", "SubTopic": "10", "Section": "50", "Paragraph": "25", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482810/280-10-50-25" }, "r46": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Name": "Accounting Standards Codification", "Topic": "280", "SubTopic": "10", "Section": "50", "Paragraph": "30", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482810/280-10-50-30" }, "r47": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Name": "Accounting Standards Codification", "Topic": "280", "SubTopic": "10", "Section": "50", "Paragraph": "40", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482810/280-10-50-40" }, "r48": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Name": "Accounting Standards Codification", "Topic": "360", "SubTopic": "10", "Section": "45", "Paragraph": "4", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482130/360-10-45-4" }, "r49": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Name": "Accounting Standards Codification", "Topic": "360", "SubTopic": "10", "Section": "50", "Paragraph": "1", "Subparagraph": "(c)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482099/360-10-50-1" }, "r50": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Name": "Accounting Standards Codification", "Topic": "420", "SubTopic": "10", "Section": "50", "Paragraph": "1", "Subparagraph": "(b)(2)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482017/420-10-50-1" }, "r51": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Name": "Accounting Standards Codification", "Topic": "470", "SubTopic": "50", "Section": "40", "Paragraph": "2", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481303/470-50-40-2" }, "r52": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Name": "Accounting Standards Codification", "Topic": "470", "SubTopic": "50", "Section": "40", "Paragraph": "4", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481303/470-50-40-4" }, "r53": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Name": "Accounting Standards Codification", "Topic": "470", "SubTopic": "50", "Section": "50", "Paragraph": "1", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481244/470-50-50-1" }, "r54": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Name": "Accounting Standards Codification", "Topic": "505", "SubTopic": "10", "Section": "50", "Paragraph": "3", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481112/505-10-50-3" }, "r55": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Name": "Accounting Standards Codification", "Topic": "505", "SubTopic": "10", "Section": "50", "Paragraph": "8", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481112/505-10-50-8" }, "r56": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Name": "Accounting Standards Codification", "Topic": "715", "SubTopic": "20", "Section": "45", "Paragraph": "2", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480535/715-20-45-2" }, "r57": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Name": "Accounting Standards Codification", "Topic": "715", "SubTopic": "20", "Section": "50", "Paragraph": "1", "Subparagraph": "(c)", "Publisher":"FASB", "URI": "https://asc.fasb.org/1943274/2147480506/715-20-50-1" }, "r58": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Name": "Accounting Standards Codification", "Topic": "715", "SubTopic": "20", "Section": "50", "Paragraph": "2", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480506/715-20-50-2" }, "r59": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Name": "Accounting Standards Codification", "Topic": "715", "SubTopic": "20", "Section": "50", "Paragraph": "3", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480506/715-20-50-3" }, "r60": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Name": "Accounting Standards Codification", "Topic": "715", "SubTopic": "20", "Section": "50", "Paragraph": "4", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480506/715-20-50-4" }, "r61": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Name": "Accounting Standards Codification", "Topic": "715", "SubTopic": "20", "Section": "55", "Paragraph": "17", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480482/715-20-55-17" }, "r62": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Name": "Accounting Standards Codification", "Topic": "718", "SubTopic": "10", "Section": "50", "Paragraph": "2", "Subparagraph": "(d)(1)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480429/718-10-50-2" }, "r63": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Name": "Accounting Standards Codification", "Topic": "718", "SubTopic": "20", "Section": "55", "Paragraph": "12", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481089/718-20-55-12" }, "r64": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Name": "Accounting Standards Codification", "Topic": "718", "SubTopic": "20", "Section": "55", "Paragraph": "13", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481089/718-20-55-13" }, "r65": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Name": "Accounting Standards Codification", "Topic": "805", "SubTopic": "10", "Section": "50", "Paragraph": "2", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147479328/805-10-50-2" }, "r66": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Name": "Accounting Standards Codification", "Topic": "805", "SubTopic": "10", "Section": "50", "Paragraph": "3", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147479328/805-10-50-3" }, "r67":

{ "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Name": "Accounting Standards Codification", "Topic": "810", "SubTopic": "10", "Section": "45", "Paragraph": "15", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481231/810-10-45-15" }, "r68": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Name": "Accounting Standards Codification", "Topic": "810", "SubTopic": "10", "Section": "45", "Paragraph": "16", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481231/810-10-45-16" }, "r69": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Name": "Accounting Standards Codification", "Topic": "810", "SubTopic": "10", "Section": "45", "Paragraph": "21", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481231/810-10-45-21" }, "r70": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Name": "Accounting Standards Codification", "Topic": "810", "SubTopic": "10", "Section": "50", "Paragraph": "1", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481203/810-10-50-1" }, "r71": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Name": "Accounting Standards Codification", "Topic": "810", "SubTopic": "10", "Section": "55", "Paragraph": "4I", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481175/810-10-55-4I" }, "r72": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Name": "Accounting Standards Codification", "Topic": "810", "SubTopic": "10", "Section": "55", "Paragraph": "4J", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481175/810-10-55-4J" }, "r73": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Name": "Accounting Standards Codification", "Topic": "810", "SubTopic": "10", "Section": "55", "Paragraph": "4K", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481175/810-10-55-4K" }, "r74": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Name": "Accounting Standards Codification", "Topic": "815", "SubTopic": "10", "Section": "50", "Paragraph": "1", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480434/815-10-50-1" }, "r75": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Name": "Accounting Standards Codification", "Topic": "815", "SubTopic": "10", "Section": "50", "Paragraph": "1A", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480434/815-10-50-1A" }, "r76": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Name": "Accounting Standards Codification", "Topic": "815", "SubTopic": "10", "Section": "50", "Paragraph": "1B", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480434/815-10-50-1B" }, "r77": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Name": "Accounting Standards Codification", "Topic": "815", "SubTopic": "10", "Section": "50", "Paragraph": "2", "Subparagraph": "(a)(1)(ii)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480434/815-10-50-2" }, "r78": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Name": "Accounting Standards Codification", "Topic": "815", "SubTopic": "10", "Section": "50", "Paragraph": "4", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480434/815-10-50-4" }, "r79": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Name": "Accounting Standards Codification", "Topic": "815", "SubTopic": "10", "Section": "50", "Paragraph": "4A", "Subparagraph": "(a)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480434/815-10-50-4A" }, "r80": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Name": "Accounting Standards Codification", "Topic": "815", "SubTopic": "10", "Section": "50", "Paragraph": "4A", "Subparagraph": "(b)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480434/815-10-50-4A" }, "r81": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Name": "Accounting Standards Codification", "Topic": "815", "SubTopic": "10", "Section": "50", "Paragraph": "4B", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480434/815-10-50-4B" }, "r82": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Name": "Accounting Standards Codification", "Topic": "815", "SubTopic": "10", "Section": "50", "Paragraph": "4B", "Subparagraph": "(d)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480434/815-10-50-4B" }, "r83": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Name": "Accounting Standards Codification", "Topic": "815", "SubTopic": "10", "Section": "50", "Paragraph": "4C", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480434/815-10-50-4C" }, "r84": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Name": "Accounting Standards Codification", "Topic": "815", "SubTopic": "10", "Section": "50", "Paragraph": "4D", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480434/815-10-50-4D" }, "r85": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Name": "Accounting Standards Codification", "Topic": "815", "SubTopic": "10", "Section": "50", "Paragraph": "5", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480434/815-10-50-5" }, "r86": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Name": "Accounting Standards Codification", "Topic": "815", "SubTopic": "10", "Section": "50", "Paragraph": "8", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480434/815-10-50-8" }, "r87": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Name": "Accounting Standards Codification", "Topic": "815", "SubTopic": "10", "Section": "55", "Paragraph": "182", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480401/815-10-55-182" }, "r88": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Name": "Accounting Standards Codification", "Topic": "815", "SubTopic": "25", "Section": "50", "Paragraph": "1", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480238/815-25-50-1" }, "r89": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Name": "Accounting Standards Codification", "Topic": "815", "SubTopic": "30", "Section": "50", "Paragraph": "1", "Subparagraph": "(c)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480870/815-30-50-1" }, "r90": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Name": "Accounting Standards Codification", "Topic": "825", "SubTopic": "10", "Section": "50", "Paragraph": "11", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482907/825-10-50-11" }, "r91": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Name": "Accounting Standards Codification", "Topic": "825", "SubTopic": "10", "Section": "50", "Paragraph": "12", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482907/825-10-50-12" }, "r92": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Name": "Accounting Standards Codification", "Topic": "942", "SubTopic": "470", "Section": "50", "Paragraph": "3", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147477734/942-470-50-3" }, "r93": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Name": "Accounting Standards Codification", "Topic": "942", "SubTopic": "470", "Section": "50", "Paragraph": "3", "Subparagraph": "(c)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147477734/942-470-50-3" }, "r94": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Name": "Accounting Standards Codification", "Topic": "980", "SubTopic": "340", "Section": "50", "Paragraph": "2", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147478742/980-340-50-2" }, "r95": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Name": "Accounting Standards Codification", "Topic": "980", "SubTopic": "715", "Section": "50", "Paragraph": "1", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147478574/980-715-50-1" }, "r96": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Topic": "210", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1", "Subparagraph": "(SX 210.5-02(19)(a))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480566/210-10-S99-1" }, "r97": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Topic": "210", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1", "Subparagraph": "(SX 210.5-02(19)(b))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480566/210-10-S99-1" }, "r98": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Topic": "210", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1", "Subparagraph": "(SX 210.5-02(19))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480566/210-10-S99-1" }, "r99": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Topic": "210", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1", "Subparagraph": "(SX 210.5-02(20))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480566/210-10-S99-1" }, "r100": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Topic": "210", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1", "Subparagraph": "(SX 210.5-02(21))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480566/210-10-S99-1" }, "r101": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Topic": "210", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1", "Subparagraph": "(SX 210.5-02(22)(a)(1))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480566/210-10-S99-1" }, "r102": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Topic": "210", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1", "Subparagraph": "(SX 210.5-02(22)(b))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480566/210-10-S99-1" }, "r103": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Topic": "210", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1", "Subparagraph": "(SX 210.5-02(23))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480566/210-10-S99-1" }, "r104": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Topic": "210", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1", "Subparagraph": "(SX 210.5-02(24))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480566/210-10-S99-1" }, "r105": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Topic": "210", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1", "Subparagraph": "(SX 210.5-02(25))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480566/210-10-S99-1" }, "r106": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Topic": "210", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1", "Subparagraph": "(SX 210.5-02(26))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480566/210-10-S99-1" }, "r107": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Topic": "210", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1", "Subparagraph": "(SX 210.5-02(28))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480566/210-10-S99-1" }, "r108": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Topic": "210", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1", "Subparagraph": "(SX 210.5-02(29))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480566/210-10-S99-1" }, "r109": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Topic": "210", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1", "Subparagraph": "(SX 210.5-02(3))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480566/210-10-S99-1" }, "r110": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Topic": "210", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1", "Subparagraph": "(SX 210.5-02(30)(a)(1))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480566/210-10-S99-1" }, "r111": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Topic": "210", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1", "Subparagraph": "(SX 210.5-02(30)(a)(3))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480566/210-10-S99-1" }, "r112": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Topic": "210", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1", "Subparagraph": "(SX 210.5-02(30))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480566/210-10-S99-1" }, "r113": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Topic": "210", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1", "Subparagraph": "(SX 210.5-02(31))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480566/210-10-S99-1" }, "r114": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Topic": "210", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1", "Subparagraph": "(SX 210.5-02(32))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480566/210-10-S99-1" }, "r115": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Topic": "210", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1", "Subparagraph": "(SX 210.5-02(4))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480566/210-10-S99-1" }, "r116": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Topic": "210", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1", "Subparagraph": "(SX 210.5-02(6)(a))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480566/210-10-S99-1" }, "r117": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Topic": "210", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1", "Subparagraph": "(SX 210.5-02(6)(b))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480566/210-10-S99-1" }, "r118": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Topic": "210", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1", "Subparagraph": "(SX 210.5-02(6)(c))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480566/210-10-S99-1" }, "r119": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Topic": "220", "Name": "Accounting Standards Codification", "Publisher": "FASB", "URI": "https://asc.fasb.org/220/tableOfContent" }, "r120": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Topic": "220", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "45", "Paragraph": "10A", "Subparagraph": "(i)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482790/220-10-45-10A" }, "r121": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Topic": "220", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "45", "Paragraph": "11", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482790/220-10-45-11" }, "r122": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Topic": "220", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "2", "Subparagraph": "(SX 210.5-03(10))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147483621/220-10-S99-2" }, "r123": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Topic": "220", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "2", "Subparagraph": "(SX 210.5-03(11))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147483621/220-10-S99-2" }, "r124": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Topic": "220", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "2", "Subparagraph": "(SX 210.5-03(2))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147483621/220-10-S99-2" }, "r125": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Topic": "220", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "2", "Subparagraph": "(SX 210.5-03(20))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147483621/220-10-S99-2" }, "r126": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Topic": "220", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "2", "Subparagraph": "(SX 210.5-03(4))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147483621/220-10-S99-2" }, "r127": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Topic": "220", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "2", "Subparagraph": "(SX 210.5-03(7))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147483621/220-10-S99-2" }, "r128": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Topic": "220", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "2", "Subparagraph": "(SX 210.5-03(9))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147483621/220-10-S99-2" }, "r129": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Topic": "230", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "45", "Paragraph": "12", "Subparagraph": "(c)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482740/230-10-45-12" }, "r130": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Topic": "230", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "45", "Paragraph": "13", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482740/230-10-45-13" }, "r131": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Topic": "230", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "45", "Paragraph": "13", "Subparagraph": "(c)", "Publisher": "FASB", "URI":

*"https://asc.fasb.org/1943274/2147482740/230-10-45-13" }, "r132": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Topic": "230", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "45", "Paragraph": "15", "Subparagraph": "(a)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482740/230-10-45-15" }, "r133": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Topic": "230", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "45", "Paragraph": "15", "Subparagraph": "(b)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482740/230-10-45-15" }, "r134": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Topic": "230", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "45", "Paragraph": "24", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482740/230-10-45-24" }, "r135": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Topic": "230", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "45", "Paragraph": "25", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482740/230-10-45-25" }, "r136": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Topic": "230", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "45", "Paragraph": "28", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482740/230-10-45-28" }, "r137": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Topic": "235", "Name": "Accounting Standards Codification", "Publisher": "FASB", "URI": "https://asc.fasb.org/235/tableOfContent" }, "r138": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Topic": "250", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "5", "Subparagraph": "(SAB Topic 11.M)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480530/250-10-S99-5" }, "r139": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Topic": "310", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "2", "Subparagraph": "(SAB Topic 4.E)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480418/310-10-S99-2" }, "r140": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Topic": "330", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "2", "Subparagraph": "(SAB Topic 5.BB)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480581/330-10-S99-2" }, "r141": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Topic": "360", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1", "Subparagraph": "(b)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482099/360-10-50-1" }, "r142": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Topic": "420", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "2", "Subparagraph": "(SAB Topic 5.P.4.b.2)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147479823/420-10-S99-2" }, "r143": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Topic": "440", "Name": "Accounting Standards Codification", "Publisher": "FASB", "URI": "https://asc.fasb.org/440/tableOfContent" }, "r144": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Topic": "470", "Name": "Accounting Standards Codification", "Publisher": "FASB", "URI": "https://asc.fasb.org/470/tableOfContent" }, "r145": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Topic": "505", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "6", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481112/505-10-50-6" }, "r146": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Topic": "505", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "7", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481112/505-10-50-7" }, "r147": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Topic": "505", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1", "Subparagraph": "(SX 210.3-04)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480008/505-10-S99-1" }, "r148": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Topic": "715", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "45", "Paragraph": "3", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480535/715-20-45-3" }, "r149": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Topic": "715", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1", "Subparagraph": "(i)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480506/715-20-50-1" }, "r150": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Topic": "715", "SubTopic": "20", "Subparagraph": "(h)", "Name": "Accounting Standards Codification", "Paragraph": "1", "Section": "50", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480506/715-20-50-1" }, "r151": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Topic": "805", "SubTopic": "30", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1", "Subparagraph": "(b)(4)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147479581/805-30-50-1" }, "r152": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Topic": "810", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "45", "Paragraph": "19", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481231/810-10-45-19" }, "r153": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Topic": "810", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1A", "Subparagraph": "(a)(2)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481203/810-10-50-1A" }, "r154": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Topic": "815", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "4B", "Subparagraph": "(c)(1)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480434/815-10-50-4B" }, "r155": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Topic": "942", "SubTopic": "210", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1", "Subparagraph": "(SX 210.9-03(10))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147478546/942-210-S99-1" }, "r156": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Topic": "942", "SubTopic": "210", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1", "Subparagraph": "(SX 210.9-03(11))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147478546/942-210-S99-1" }, "r157": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Topic": "942", "SubTopic": "210", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1", "Subparagraph": "(SX 210.9-03(13))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147478546/942-210-S99-1" }, "r158": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Topic": "942", "SubTopic": "210", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1", "Subparagraph": "(SX 210.9-03(15)(1))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147478546/942-210-S99-1" }, "r159": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Topic": "942", "SubTopic": "210", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1", "Subparagraph": "(SX 210.9-03(16))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147478546/942-210-S99-1" }, "r160": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Topic": "942", "SubTopic": "210", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1", "Subparagraph": "(SX 210.9-03(17))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147478546/942-210-S99-1" }, "r161": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Topic": "942", "SubTopic": "210", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1", "Subparagraph": "(SX 210.9-03(22))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147478546/942-210-S99-1" }, "r162": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Topic": "942", "SubTopic": "210", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1", "Subparagraph": "(SX 210.9-03(23))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147478546/942-210-S99-1" }, "r163": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Topic": "942", "SubTopic": "220", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1", "Subparagraph": "(SX 210.9-04(13)(f))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147478524/942-220-S99-1" }, "r164": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Topic": "942", "SubTopic": "220", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1", "Subparagraph": "(SX 210.9-04(15))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147478524/942-220-S99-1" }, "r165": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Topic": "942", "SubTopic": "220", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1", "Subparagraph": "(SX 210.9-04(22))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147478524/942-220-S99-1" }, "r166": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Topic": "942", "SubTopic": "470", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "3", "Subparagraph": "(e)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147477734/942-470-50-3" }, "r167": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Topic": "980", "SubTopic": "340", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147478742/980-340-50-1" }, "r168": { "role": "http://fasb.org/us-gaap/role/ref/otherTransitionRef", "Topic": "280", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "32", "Subparagraph": "(a)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482810/280-10-50-32" }, "r169": { "role": "http://fasb.org/us-gaap/role/ref/otherTransitionRef", "Topic": "280", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "32", "Subparagraph": "(b)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482810/280-10-50-32" }, "r170": { "role": "http://fasb.org/us-gaap/role/ref/otherTransitionRef", "Topic": "280", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "32", "Subparagraph": "(c)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482810/280-10-50-32" }, "r171": { "role": "http://fasb.org/us-gaap/role/ref/otherTransitionRef", "Topic": "280", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "32", "Subparagraph": "(d)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482810/280-10-50-32" }, "r172": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Name": "Accounting Standards Codification", "Section": "45", "Paragraph": "2", "Subparagraph": "(a)", "SubTopic": "20", "Topic": "740", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482659/740-20-45-2" }, "r173": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Name": "Accounting Standards Codification", "Section": "45", "Paragraph": "5", "SubTopic": "210", "Topic": "954", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147477220/954-210-45-5" }, "r174": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "2", "SubTopic": "20", "Topic": "410", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481850/410-20-50-2" }, "r175": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "4C", "Subparagraph": "(c)", "SubTopic": "10", "Topic": "815", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480434/815-10-50-4C" }, "r176": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "9", "Subparagraph": "(b)", "SubTopic": "10", "Topic": "740", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482685/740-10-50-9" }, "r177": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Name": "Accounting Standards Codification", "Section": "65", "Paragraph": "3", "Subparagraph": "(a)", "SubTopic": "10", "Topic": "326", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147479654/326-10-65-3" }, "r178": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Name": "Accounting Standards Codification", "Section": "65", "Paragraph": "3", "Subparagraph": "(b)", "SubTopic": "10", "Topic": "326", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147479654/326-10-65-3" }, "r179": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1", "Subparagraph": "(SX 210.4-08(h))", "SubTopic": "10", "Topic": "235", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480678/235-10-S99-1" }, "r180": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Name": "Accounting Standards Codification", "Topic": "250", "Publisher": "FASB", "URI": "https://asc.fasb.org/250/tableOfContent" }, "r181": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Name": "Accounting Standards Codification", "Topic": "323", "Publisher": "FASB", "URI": "https://asc.fasb.org/323/tableOfContent" }, "r182": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Name": "Regulation S-K (SK)", "Number": "229", "Section": "1402", "Paragraph": "a", "Publisher": "SEC" }, "r183": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "105", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "65", "Paragraph": "6", "Subparagraph": "(c)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147479343/105-10-65-6" }, "r184": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "105", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "65", "Paragraph": "6", "Subparagraph": "(d)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147479343/105-10-65-6" }, "r185": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "105", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "65", "Paragraph": "7", "Subparagraph": "(a)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147479343/105-10-65-7" }, "r186": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "205", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1", "Subparagraph": "(d)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147483499/205-20-50-1" }, "r187": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "205", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "5C", "Subparagraph": "(a)(2)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147483499/205-20-50-5C" }, "r188": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "205", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "7", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147483499/205-20-50-7" }, "r189": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "210", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "45", "Paragraph": "1", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147483467/210-10-45-1" }, "r190": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "210", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "45", "Paragraph": "5", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147483467/210-10-45-5" }, "r191": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "210", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1", "Subparagraph": "(SX 210.5-02(1))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480566/210-10-S99-1" }, "r192": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "210", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1", "Subparagraph": "(SX 210.5-02(13))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480566/210-10-S99-1" }, "r193": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "210", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1", "Subparagraph": "(SX 210.5-02(14))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480566/210-10-S99-1" }, "r194": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "210", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1", "Subparagraph": "(SX 210.5-02(15))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480566/210-10-S99-1" }, "r195": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "210", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1", "Subparagraph": "(SX 210.5-02(17))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480566/210-10-S99-1" }, "r196": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "210", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1", "Subparagraph": "(SX 210.5-02(18))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480566/210-10-S99-1" }, "r197": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "210", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1",

*"Subparagraph": "(SX 210.5-02(27)(b))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480566/210-10-S99-1" }, "r198": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "210", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1", "Subparagraph": "(SX 210.5-02(28))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480566/210-10-S99-1" }, "r199": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "210", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1", "Subparagraph": "(SX 210.5-02(29))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480566/210-10-S99-1" }, "r200": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "210", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1", "Subparagraph": "(SX 210.5-02(30)(a)(4))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480566/210-10-S99-1" }, "r201": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "210", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1", "Subparagraph": "(SX 210.5-02(6))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480566/210-10-S99-1" }, "r202": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "210", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1", "Subparagraph": "(SX 210.5-02(8))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480566/210-10-S99-1" }, "r203": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "210", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1", "Subparagraph": "(SX 210.5-02(9))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480566/210-10-S99-1" }, "r204": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "210", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "3", "Subparagraph": "(c)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147483466/210-20-50-3" }, "r205": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "210", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "55", "Paragraph": "10", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147483444/210-20-55-10" }, "r206": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "220", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "45", "Paragraph": "10A", "Subparagraph": "(a)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482790/220-10-45-10A" }, "r207": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "220", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "45", "Paragraph": "10A", "Subparagraph": "(d)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482790/220-10-45-10A" }, "r208": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "220", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "45", "Paragraph": "11", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482790/220-10-45-11" }, "r209": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "220", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "45", "Paragraph": "12", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482790/220-10-45-12" }, "r210": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "220", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "45", "Paragraph": "14", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482790/220-10-45-14" }, "r211": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "220", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "45", "Paragraph": "14A", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482790/220-10-45-14A" }, "r212": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "220", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "45", "Paragraph": "15", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482790/220-10-45-15" }, "r213": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "220", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "45", "Paragraph": "17A", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482790/220-10-45-17A" }, "r214": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "220", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "45", "Paragraph": "1A", "Subparagraph": "(a)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482790/220-10-45-1A" }, "r215": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "220", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "45", "Paragraph": "1A", "Subparagraph": "(b)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482790/220-10-45-1A" }, "r216": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "220", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "45", "Paragraph": "1A", "Subparagraph": "(c)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482790/220-10-45-1A" }, "r217": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "220", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "45", "Paragraph": "1B", "Subparagraph": "(a)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482790/220-10-45-1B" }, "r218": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "220", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "45", "Paragraph": "1B", "Subparagraph": "(b)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482790/220-10-45-1B" }, "r219": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "220", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "4", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482765/220-10-50-4" }, "r220": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "220", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "5", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482765/220-10-50-5" }, "r221": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "220", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "6", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482765/220-10-50-6" }, "r222": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "220", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "2", "Subparagraph": "(SX 210.5-03(1))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147483621/220-10-S99-2" }, "r223": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "220", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "2", "Subparagraph": "(SX 210.5-03(21))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147483621/220-10-S99-2" }, "r224": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "220", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "2", "Subparagraph": "(SX 210.5-03(22))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147483621/220-10-S99-2" }, "r225": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "220", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "2", "Subparagraph": "(SX 210.5-03(23))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147483621/220-10-S99-2" }, "r226": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "220", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "2", "Subparagraph": "(SX 210.5-03(24))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147483621/220-10-S99-2" }, "r227": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "220", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "2", "Subparagraph": "(SX 210.5-03(25))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147483621/220-10-S99-2" }, "r228": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "220", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "2", "Subparagraph": "(SX 210.5-03(7))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147483621/220-10-S99-2" }, "r229": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "220", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "2", "Subparagraph": "(SX 210.5-03(9))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147483621/220-10-S99-2" }, "r230": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "230", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "45", "Paragraph": "15", "Subparagraph": "(a)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482740/230-10-45-15" }, "r231": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "230", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "45", "Paragraph": "2", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482740/230-10-45-2" }, "r232": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "230", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "45", "Paragraph": "24", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482740/230-10-45-24" }, "r233": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "230", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "2A", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482913/230-10-50-2A" }, "r234": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "230", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "8", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482913/230-10-50-8" }, "r235": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "235", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1", "Subparagraph": "(SX 210.4-08(c))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480678/235-10-S99-1" }, "r236": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "235", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1", "Subparagraph": "(SX 210.4-08(g)(1)(ii))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480678/235-10-S99-1" }, "r237": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "235", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1", "Subparagraph": "(SX 210.4-08(h)(2))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480678/235-10-S99-1" }, "r238": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "235", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "3", "Subparagraph": "(SX 210.12-04(a))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480678/235-10-S99-3" }, "r239": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "250", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "45", "Paragraph": "23", "Subparagraph": "(b)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147483421/250-10-45-23" }, "r240": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "250", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "45", "Paragraph": "24", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147483421/250-10-45-24" }, "r241": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "250", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "45", "Paragraph": "5", "Subparagraph": "(b)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147483421/250-10-45-5" }, "r242": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "250", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1", "Subparagraph": "(a)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147483443/250-10-50-1" }, "r243": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "250", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1", "Subparagraph": "(b)(1)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147483443/250-10-50-1" }, "r244": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "250", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1", "Subparagraph": "(b)(2)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147483443/250-10-50-1" }, "r245": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "250", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1", "Subparagraph": "(b)(3)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147483443/250-10-50-1" }, "r246": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "250", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1", "Subparagraph": "(b)(4)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147483443/250-10-50-1" }, "r247": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "250", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1", "Subparagraph": "(c)(1)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147483443/250-10-50-1" }, "r248": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "250", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "11", "Subparagraph": "(a)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147483443/250-10-50-11" }, "r249": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "250", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "11", "Subparagraph": "(b)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147483443/250-10-50-11" }, "r250": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "250", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "3", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147483443/250-10-50-3" }, "r251": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "250", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "4", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147483443/250-10-50-4" }, "r252": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "250", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "6", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147483443/250-10-50-6" }, "r253": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "250", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "7", "Subparagraph": "(a)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147483443/250-10-50-7" }, "r254": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "250", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "7", "Subparagraph": "(b)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147483443/250-10-50-7" }, "r255": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "250", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "8", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147483443/250-10-50-8" }, "r256": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "250", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "9", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147483443/250-10-50-9" }, "r257": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "250", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "3", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480530/250-10-S99-3" }, "r258": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "250", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "5", "Subparagraph": "(SAB Topic 11.M.Q2)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480530/250-10-S99-5" }, "r259": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "250", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "6", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480530/250-10-S99-6" }, "r260": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "260", "Name": "Accounting Standards Codification", "Publisher": "FASB", "URI": "https://asc.fasb.org/260/tableOfContent" }, "r261": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "260", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "45", "Paragraph": "10", "Publisher": "FASB", "URI":

"https://asc.fasb.org/1943274/2147482689/260-10-45-10" }, "r262": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "260", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "45", "Paragraph": "16", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482689/260-10-45-16" }, "r263": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "260", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "45", "Paragraph": "2", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482689/260-10-45-2" }, "r264": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "260", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "45", "Paragraph": "22", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482689/260-10-45-22" }, "r265": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "260", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "45", "Paragraph": "23", "Subparagraph": "(c)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482689/260-10-45-23" }, "r266": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "260", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "45", "Paragraph": "28A", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482689/260-10-45-28A" }, "r267": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "260", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "45", "Paragraph": "3", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482689/260-10-45-3" }, "r268": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "260", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "45", "Paragraph": "60B", "Subparagraph": "(a)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482689/260-10-45-60B" }, "r269": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "260", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "45", "Paragraph": "60B", "Subparagraph": "(d)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482689/260-10-45-60B" }, "r270": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "260", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "45", "Paragraph": "7", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482689/260-10-45-7" }, "r271": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "260", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1", "Subparagraph": "(a)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482662/260-10-50-1" }, "r272": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "260", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1", "Subparagraph": "(c)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482662/260-10-50-1" }, "r273": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "260", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "2", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482662/260-10-50-2" }, "r274": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "260", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "3", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482662/260-10-50-3" }, "r275": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "260", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "55", "Paragraph": "15", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482635/260-10-55-15" }, "r276": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "270", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1", "Subparagraph": "(i)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482964/270-10-50-1" }, "r277": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "272", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "45", "Paragraph": "1", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147483014/272-10-45-1" }, "r278": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "272", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482987/272-10-50-1" }, "r279": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "272", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "3", "Subparagraph": "(b)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482987/272-10-50-3" }, "r280": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "280", "Name": "Accounting Standards Codification", "Publisher": "FASB", "URI": "https://asc.fasb.org/280/tableOfContent" }, "r281": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "280", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "15", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482810/280-10-50-15" }, "r282": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "280", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "21", "Subparagraph": "(a)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482810/280-10-50-21" }, "r283": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "280", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "21", "Subparagraph": "(b)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482810/280-10-50-21" }, "r284": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "280", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "22", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482810/280-10-50-22" }, "r285": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "280", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "22", "Subparagraph": "(a)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482810/280-10-50-22" }, "r286": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "280", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "22", "Subparagraph": "(b)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482810/280-10-50-22" }, "r287": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "280", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "22", "Subparagraph": "(c)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482810/280-10-50-22" }, "r288": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "280", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "22", "Subparagraph": "(d)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482810/280-10-50-22" }, "r289": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "280", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "22", "Subparagraph": "(e)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482810/280-10-50-22" }, "r290": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "280", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "22", "Subparagraph": "(f)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482810/280-10-50-22" }, "r291": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "280", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "22", "Subparagraph": "(g)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482810/280-10-50-22" }, "r292": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "280", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "22", "Subparagraph": "(h)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482810/280-10-50-22" }, "r293": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "280", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "22", "Subparagraph": "(j)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482810/280-10-50-22" }, "r294": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "280", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "24", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482810/280-10-50-24" }, "r295": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "280", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "25", "Subparagraph": "(a)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482810/280-10-50-25" }, "r296": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "280", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "25", "Subparagraph": "(b)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482810/280-10-50-25" }, "r297": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "280", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "26", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482810/280-10-50-26" }, "r298": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "280", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "26A", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482810/280-10-50-26A" }, "r299": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "280", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "26B", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482810/280-10-50-26B" }, "r300": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "280", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "26C", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482810/280-10-50-26C" }, "r301": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "280", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "30", "Subparagraph": "(a)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482810/280-10-50-30" }, "r302": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "280", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "30", "Subparagraph": "(b)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482810/280-10-50-30" }, "r303": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "280", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "30", "Subparagraph": "(c)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482810/280-10-50-30" }, "r304": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "280", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "30", "Subparagraph": "(d)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482810/280-10-50-30" }, "r305": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "280", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "31", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482810/280-10-50-31" }, "r306": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "280", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "32", "Subparagraph": "(e)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482810/280-10-50-32" }, "r307": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "280", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "32", "Subparagraph": "(ee)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482810/280-10-50-32" }, "r308": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "280", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "32", "Subparagraph": "(f)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482810/280-10-50-32" }, "r309": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "280", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "34", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482810/280-10-50-34" }, "r310": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "280", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "40", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482810/280-10-50-40" }, "r311": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "280", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "41", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482810/280-10-50-41" }, "r312": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "280", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "41", "Subparagraph": "(a)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482810/280-10-50-41" }, "r313": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "280", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "41", "Subparagraph": "(b)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482810/280-10-50-41" }, "r314": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "280", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "42", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482810/280-10-50-42" }, "r315": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "280", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "65", "Paragraph": "1", "Subparagraph": "(a)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147476173/280-10-65-1" }, "r316": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "280", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "65", "Paragraph": "1", "Subparagraph": "(b)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147476173/280-10-65-1" }, "r317": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "310", "SubTopic": "10", "Name": "Accounting Standards Codification", "Publisher": "FASB", "URI": "https://asc.fasb.org/310-10/tableOfContent" }, "r318": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "310", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "45", "Paragraph": "13", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481990/310-10-45-13" }, "r319": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "310", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "45", "Paragraph": "2", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481990/310-10-45-2" }, "r320": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "310", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "42", "Subparagraph": "(a)(2)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481962/310-10-50-42" }, "r321": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "310", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "44", "Subparagraph": "(a)(1)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481962/310-10-50-44" }, "r322": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "310", "SubTopic": "20", "Name": "Accounting Standards Codification", "Publisher": "FASB", "URI": "https://asc.fasb.org/310-20/tableOfContent" }, "r323": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "320", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "2", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481800/320-10-50-2" }, "r324": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "320", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "2", "Subparagraph": "(a)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481800/320-10-50-2" }, "r325": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "320", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "2", "Subparagraph": "(aa)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481800/320-10-50-2" }, "r326": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "320", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "2", "Subparagraph": "(aaa)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481800/320-10-50-2" }, "r327": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "320", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "2", "Subparagraph": "(b)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481800/320-10-50-2" }, "r328": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "320", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "2", "Subparagraph": "(c)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481800/320-10-50-2" }, "r329": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "320", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "2", "Subparagraph": "(d)", "Publisher": "FASB", "URI":

"https://asc.fasb.org/1943274/2147481800/320-10-50-2" }, "r330": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "320", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "3", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481800/320-10-50-3" }, "r331": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "320", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "3", "Subparagraph": "(a)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481800/320-10-50-3" }, "r332": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "320", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "3", "Subparagraph": "(b)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481800/320-10-50-3" }, "r333": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "320", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "3", "Subparagraph": "(c)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481800/320-10-50-3" }, "r334": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "320", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "3", "Subparagraph": "(d)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481800/320-10-50-3" }, "r335": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "320", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "5", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481800/320-10-50-5" }, "r336": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "320", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "5", "Subparagraph": "(a)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481800/320-10-50-5" }, "r337": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "320", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "5", "Subparagraph": "(aaa)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481800/320-10-50-5" }, "r338": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "320", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "5", "Subparagraph": "(d)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481800/320-10-50-5" }, "r339": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "320", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "5", "Subparagraph": "(e)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481800/320-10-50-5" }, "r340": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "320", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "5", "Subparagraph": "(f)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481800/320-10-50-5" }, "r341": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "320", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "5", "Subparagraph": "(f)(1)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481800/320-10-50-5" }, "r342": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "320", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "5", "Subparagraph": "(f)(2)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481800/320-10-50-5" }, "r343": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "320", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "5", "Subparagraph": "(f)(3)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481800/320-10-50-5" }, "r344": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "320", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "5", "Subparagraph": "(f)(4)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481800/320-10-50-5" }, "r345": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "320", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "5A", "Subparagraph": "(a)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481800/320-10-50-5A" }, "r346": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "320", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "5A", "Subparagraph": "(b)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481800/320-10-50-5A" }, "r347": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "320", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "5A", "Subparagraph": "(c)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481800/320-10-50-5A" }, "r348": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "320", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "5B", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481800/320-10-50-5B" }, "r349": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "320", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "5B", "Subparagraph": "(a)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481800/320-10-50-5B" }, "r350": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "320", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "5B", "Subparagraph": "(b)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481800/320-10-50-5B" }, "r351": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "320", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "5B", "Subparagraph": "(c)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481800/320-10-50-5B" }, "r352": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "320", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "5B", "Subparagraph": "(d)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481800/320-10-50-5B" }, "r353": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "323", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "45", "Paragraph": "1", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481664/323-10-45-1" }, "r354": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "323", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "3", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481687/323-10-50-3" }, "r355": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "323", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "3", "Subparagraph": "(a)(1)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481687/323-10-50-3" }, "r356": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "323", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "3", "Subparagraph": "(a)(2)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481687/323-10-50-3" }, "r357": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "323", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "3", "Subparagraph": "(a)(3)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481687/323-10-50-3" }, "r358": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "323", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "3", "Subparagraph": "(b)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481687/323-10-50-3" }, "r359": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "323", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "3", "Subparagraph": "(c)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481687/323-10-50-3" }, "r360": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "323", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "3", "Subparagraph": "(d)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481687/323-10-50-3" }, "r361": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "326", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "65", "Paragraph": "2", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147479654/326-10-65-2" }, "r362": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "326", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "65", "Paragraph": "4", "Subparagraph": "(a)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147479654/326-10-65-4" }, "r363": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "326", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "65", "Paragraph": "4", "Subparagraph": "(b)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147479654/326-10-65-4" }, "r364": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "326", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "65", "Paragraph": "4", "Subparagraph": "(d)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147479654/326-10-65-4" }, "r365": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "326", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "65", "Paragraph": "4", "Subparagraph": "(e)(1)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147479654/326-10-65-4" }, "r366": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "326", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "65", "Paragraph": "4", "Subparagraph": "(e)(2)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147479654/326-10-65-4" }, "r367": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "326", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "65", "Paragraph": "5", "Subparagraph": "(a)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147479654/326-10-65-5" }, "r368": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "326", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "65", "Paragraph": "5", "Subparagraph": "(b)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147479654/326-10-65-5" }, "r369": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "326", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "65", "Paragraph": "5", "Subparagraph": "(b)(1)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147479654/326-10-65-5" }, "r370": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "326", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "65", "Paragraph": "5", "Subparagraph": "(c)(2)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147479654/326-10-65-5" }, "r371": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "326", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "11", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147479319/326-20-50-11" }, "r372": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "326", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "13", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147479319/326-20-50-13" }, "r373": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "326", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "14", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147479319/326-20-50-14" }, "r374": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "326", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "16", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147479319/326-20-50-16" }, "r375": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "326", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "5", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147479319/326-20-50-5" }, "r376": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "326", "SubTopic": "30", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "4", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147479106/326-30-50-4" }, "r377": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "326", "SubTopic": "30", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "7", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147479106/326-30-50-7" }, "r378": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "326", "SubTopic": "30", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "9", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147479106/326-30-50-9" }, "r379": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "330", "Name": "Accounting Standards Codification", "Publisher": "FASB", "URI": "https://asc.fasb.org/330/tableOfContent" }, "r380": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "330", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "2", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147483080/330-10-50-2" }, "r381": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "350", "SubTopic": "20", "Name": "Accounting Standards Codification", "Publisher": "FASB", "URI": "https://asc.fasb.org/350-20/tableOfContent" }, "r382": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "350", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "45", "Paragraph": "1", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482598/350-20-45-1" }, "r383": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "350", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "45", "Paragraph": "2", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482598/350-20-45-2" }, "r384": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "350", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482573/350-20-50-1" }, "r385": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "350", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1", "Subparagraph": "(a)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482573/350-20-50-1" }, "r386": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "350", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1", "Subparagraph": "(b)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482573/350-20-50-1" }, "r387": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "350", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1", "Subparagraph": "(c)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482573/350-20-50-1" }, "r388": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "350", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1", "Subparagraph": "(d)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482573/350-20-50-1" }, "r389": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "350", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1", "Subparagraph": "(e)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482573/350-20-50-1" }, "r390": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "350", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1", "Subparagraph": "(f)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482573/350-20-50-1" }, "r391": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "350", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1", "Subparagraph": "(g)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482573/350-20-50-1" }, "r392": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "350", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1", "Subparagraph": "(h)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482573/350-20-50-1" }, "r393": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "350", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1A", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482573/350-20-50-1A" }, "r394": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "350", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "2", "Subparagraph": "(a)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482573/350-20-50-2" }, "r395": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "350", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "2", "Subparagraph": "(b)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482573/350-20-50-2" }, "r396": { "role":

"http://www.xbrl.org/2003/role/disclosureRef", "Topic": "350", "SubTopic": "30", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1", "Subparagraph": "(a)(1)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482665/350-30-50-1" }, "r397": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "350", "SubTopic": "30", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1", "Subparagraph": "(a)(2)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482665/350-30-50-1" }, "r398": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "350", "SubTopic": "30", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1", "Subparagraph": "(a)(3)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482665/350-30-50-1" }, "r399": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "350", "SubTopic": "30", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1", "Subparagraph": "(b)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482665/350-30-50-1" }, "r400": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "350", "SubTopic": "30", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1", "Subparagraph": "(d)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482665/350-30-50-1" }, "r401": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "350", "SubTopic": "30", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "3", "Subparagraph": "(d)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482665/350-30-50-3" }, "r402": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "350", "SubTopic": "60", "Name": "Accounting Standards Codification", "Section": "65", "Paragraph": "1", "Subparagraph": "(a)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147476166/350-60-65-1" }, "r403": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "350", "SubTopic": "60", "Name": "Accounting Standards Codification", "Section": "65", "Paragraph": "1", "Subparagraph": "(b)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147476166/350-60-65-1" }, "r404": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "360", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "3", "Subparagraph": "(d)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482099/360-10-50-3" }, "r405": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "360", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "3", "Subparagraph": "(f)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482099/360-10-50-3" }, "r406": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "405", "SubTopic": "40", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1", "Subparagraph": "(a)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147477092/405-40-50-1" }, "r407": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "405", "SubTopic": "40", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1", "Subparagraph": "(a)(1)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147477092/405-40-50-1" }, "r408": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "405", "SubTopic": "40", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1", "Subparagraph": "(a)(2)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147477092/405-40-50-1" }, "r409": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "405", "SubTopic": "40", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1", "Subparagraph": "(a)(3)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147477092/405-40-50-1" }, "r410": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "405", "SubTopic": "40", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1", "Subparagraph": "(d)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147477092/405-40-50-1" }, "r411": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "405", "SubTopic": "40", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1", "Subparagraph": "(e)(2)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147477092/405-40-50-1" }, "r412": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "405", "SubTopic": "50", "Name": "Accounting Standards Codification", "Section": "65", "Paragraph": "1", "Subparagraph": "(a)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147477123/405-50-65-1" }, "r413": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "410", "SubTopic": "20", "Name": "Accounting Standards Codification", "Publisher": "FASB", "URI": "https://asc.fasb.org/410-20/tableOfContent" }, "r414": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "410", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1", "Subparagraph": "(a)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481850/410-20-50-1" }, "r415": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "410", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1", "Subparagraph": "(c)(1)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481850/410-20-50-1" }, "r416": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "410", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1", "Subparagraph": "(c)(4)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481850/410-20-50-1" }, "r417": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "420", "Name": "Accounting Standards Codification", "Publisher": "FASB", "URI": "https://asc.fasb.org/420/tableOfContent" }, "r418": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "420", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1", "Subparagraph": "(a)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482017/420-10-50-1" }, "r419": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "420", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1", "Subparagraph": "(b)(1)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482017/420-10-50-1" }, "r420": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "420", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1", "Subparagraph": "(b)(2)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482017/420-10-50-1" }, "r421": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "420", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1", "Subparagraph": "(c)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482017/420-10-50-1" }, "r422": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "420", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1", "Subparagraph": "(d)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482017/420-10-50-1" }, "r423": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "420", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1", "Subparagraph": "(e)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482017/420-10-50-1" }, "r424": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "420", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1", "Subparagraph": "(SAB Topic 5.P.3)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147479823/420-10-S99-1" }, "r425": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "420", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "2", "Subparagraph": "(SAB Topic 5.P.4.b.1)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147479823/420-10-S99-2" }, "r426": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "420", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "2", "Subparagraph": "(SAB Topic 5.P.4.b.2)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147479823/420-10-S99-2" }, "r427": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "420", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "2", "Subparagraph": "(SAB Topic 5.P.4.d)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147479823/420-10-S99-2" }, "r428": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "420", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "2", "Subparagraph": "(SAB Topic 5.P.4.e)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147479823/420-10-S99-2" }, "r429": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "440", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "4", "Subparagraph": "(a)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482648/440-10-50-4" }, "r430": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "440", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "4", "Subparagraph": "(c)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482648/440-10-50-4" }, "r431": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "450", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147483076/450-20-50-1" }, "r432": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "450", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "4", "Subparagraph": "(b)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147483076/450-20-50-4" }, "r433": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "450", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "9", "Subparagraph": "(b)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147483076/450-20-50-9" }, "r434": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "450", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1", "Subparagraph": "(SAB Topic 5.Y.Q1)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480102/450-20-S99-1" }, "r435": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "450", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1", "Subparagraph": "(SAB Topic 5.Y.Q2)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480102/450-20-S99-1" }, "r436": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "450", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1", "Subparagraph": "(SAB Topic 5.Y.Q4)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480102/450-20-S99-1" }, "r437": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "460", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "3", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482425/460-10-50-3" }, "r438": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "470", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "6", "Subparagraph": "(a)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481544/470-10-50-6" }, "r439": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "470", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "6", "Subparagraph": "(b)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481544/470-10-50-6" }, "r440": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "470", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1A", "Subparagraph": "(SX 210.13-01(a)(4)(i))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480097/470-10-S99-1A" }, "r441": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "470", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1A", "Subparagraph": "(SX 210.13-01(a)(4)(iii)(A))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480097/470-10-S99-1A" }, "r442": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "470", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1A", "Subparagraph": "(SX 210.13-01(a)(4)(iii)(B))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480097/470-10-S99-1A" }, "r443": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "470", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1A", "Subparagraph": "(SX 210.13-01(a)(4)(iv))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480097/470-10-S99-1A" }, "r444": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "470", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1A", "Subparagraph": "(SX 210.13-01(a)(5))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480097/470-10-S99-1A" }, "r445": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "470", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1B", "Subparagraph": "(SX 210.13-02(a)(4)(i))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480097/470-10-S99-1B" }, "r446": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "470", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1B", "Subparagraph": "(SX 210.13-02(a)(4)(iii)(A))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480097/470-10-S99-1B" }, "r447": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "470", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1B", "Subparagraph": "(SX 210.13-02(a)(4)(iii)(B))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480097/470-10-S99-1B" }, "r448": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "470", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1B", "Subparagraph": "(SX 210.13-02(a)(4)(iii)(C))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480097/470-10-S99-1B" }, "r449": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "470", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1B", "Subparagraph": "(SX 210.13-02(a)(4)(iv))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480097/470-10-S99-1B" }, "r450": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "470", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1B", "Subparagraph": "(SX 210.13-02(a)(5))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480097/470-10-S99-1B" }, "r451": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "470", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1B", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481139/470-20-50-1B" }, "r452": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "470", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1B", "Subparagraph": "(a)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481139/470-20-50-1B" }, "r453": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "470", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1B", "Subparagraph": "(b)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481139/470-20-50-1B" }, "r454": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "470", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1B", "Subparagraph": "(c)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481139/470-20-50-1B" }, "r455": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "470", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1B", "Subparagraph": "(e)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481139/470-20-50-1B" }, "r456": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "470", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1B", "Subparagraph": "(f)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481139/470-20-50-1B" }, "r457": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "470", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1B", "Subparagraph": "(g)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481139/470-20-50-1B" }, "r458": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "470", "SubTopic": "20", "Name":

*"Accounting Standards Codification", "Section": "50", "Paragraph": "1B", "Subparagraph": "(h)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481139/470-20-50-1B" }, "r459": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "470", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1B", "Subparagraph": "(i)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481139/470-20-50-1B" }, "r460": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "470", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1C", "Subparagraph": "(a)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481139/470-20-50-1C" }, "r461": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "470", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1C", "Subparagraph": "(b)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481139/470-20-50-1C" }, "r462": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "470", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1C", "Subparagraph": "(c)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481139/470-20-50-1C" }, "r463": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "470", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1D", "Subparagraph": "(a)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481139/470-20-50-1D" }, "r464": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "470", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1D", "Subparagraph": "(b)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481139/470-20-50-1D" }, "r465": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "470", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1D", "Subparagraph": "(c)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481139/470-20-50-1D" }, "r466": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "470", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1E", "Subparagraph": "(a)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481139/470-20-50-1E" }, "r467": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "470", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1E", "Subparagraph": "(b)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481139/470-20-50-1E" }, "r468": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "470", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1E", "Subparagraph": "(c)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481139/470-20-50-1E" }, "r469": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "470", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1E", "Subparagraph": "(d)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481139/470-20-50-1E" }, "r470": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "470", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1F", "Subparagraph": "(a)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481139/470-20-50-1F" }, "r471": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "470", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1F", "Subparagraph": "(b)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481139/470-20-50-1F" }, "r472": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "470", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1F", "Subparagraph": "(b)(1)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481139/470-20-50-1F" }, "r473": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "470", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1F", "Subparagraph": "(b)(2)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481139/470-20-50-1F" }, "r474": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "470", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1I", "Subparagraph": "(a)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481139/470-20-50-1I" }, "r475": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "470", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1I", "Subparagraph": "(b)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481139/470-20-50-1I" }, "r476": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "470", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1I", "Subparagraph": "(c)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481139/470-20-50-1I" }, "r477": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "470", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1I", "Subparagraph": "(d)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481139/470-20-50-1I" }, "r478": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "505", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "13", "Subparagraph": "(a)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481112/505-10-50-13" }, "r479": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "505", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "13", "Subparagraph": "(b)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481112/505-10-50-13" }, "r480": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "505", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "13", "Subparagraph": "(h)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481112/505-10-50-13" }, "r481": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "505", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "14", "Subparagraph": "(b)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481112/505-10-50-14" }, "r482": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "505", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "18", "Subparagraph": "(c)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481112/505-10-50-18" }, "r483": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "505", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "2", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481112/505-10-50-2" }, "r484": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "505", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1", "Subparagraph": "(SX 210.3-04)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480008/505-10-S99-1" }, "r485": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "606", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "4", "Subparagraph": "(a)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147479806/606-10-50-4" }, "r486": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "606", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "5", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147479806/606-10-50-5" }, "r487": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "715", "Name": "Accounting Standards Codification", "Publisher": "FASB", "URI": "https://asc.fasb.org/715/tableOfContent" }, "r488": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "715", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "45", "Paragraph": "2", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480535/715-20-45-2" }, "r489": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "715", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "45", "Paragraph": "3A", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480535/715-20-45-3A" }, "r490": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "715", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "45", "Paragraph": "3A", "Subparagraph": "(b)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480535/715-20-45-3A" }, "r491": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "715", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1", "Subparagraph": "(a)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480506/715-20-50-1" }, "r492": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "715", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1", "Subparagraph": "(a)(1)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480506/715-20-50-1" }, "r493": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "715", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1", "Subparagraph": "(a)(10)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480506/715-20-50-1" }, "r494": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "715", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1", "Subparagraph": "(a)(2)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480506/715-20-50-1" }, "r495": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "715", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1", "Subparagraph": "(a)(3)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480506/715-20-50-1" }, "r496": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "715", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1", "Subparagraph": "(a)(4)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480506/715-20-50-1" }, "r497": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "715", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1", "Subparagraph": "(a)(5)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480506/715-20-50-1" }, "r498": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "715", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1", "Subparagraph": "(a)(6)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480506/715-20-50-1" }, "r499": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "715", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1", "Subparagraph": "(a)(7)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480506/715-20-50-1" }, "r500": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "715", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1", "Subparagraph": "(a)(8)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480506/715-20-50-1" }, "r501": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "715", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1", "Subparagraph": "(a)(9)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480506/715-20-50-1" }, "r502": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "715", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1", "Subparagraph": "(b)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480506/715-20-50-1" }, "r503": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "715", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1", "Subparagraph": "(b)(1)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480506/715-20-50-1" }, "r504": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "715", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1", "Subparagraph": "(b)(2)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480506/715-20-50-1" }, "r505": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "715", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1", "Subparagraph": "(b)(3)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480506/715-20-50-1" }, "r506": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "715", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1", "Subparagraph": "(b)(4)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480506/715-20-50-1" }, "r507": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "715", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1", "Subparagraph": "(b)(5)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480506/715-20-50-1" }, "r508": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "715", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1", "Subparagraph": "(b)(6)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480506/715-20-50-1" }, "r509": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "715", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1", "Subparagraph": "(b)(7)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480506/715-20-50-1" }, "r510": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "715", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1", "Subparagraph": "(b)(8)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480506/715-20-50-1" }, "r511": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "715", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1", "Subparagraph": "(c)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480506/715-20-50-1" }, "r512": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "715", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1", "Subparagraph": "(d)(i)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480506/715-20-50-1" }, "r513": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "715", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1", "Subparagraph": "(d)(ii)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480506/715-20-50-1" }, "r514": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "715", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1", "Subparagraph": "(d)(iii)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480506/715-20-50-1" }, "r515": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "715", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1", "Subparagraph": "(d)(iv)(01)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480506/715-20-50-1" }, "r516": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "715", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1", "Subparagraph": "(d)(iv)(02)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480506/715-20-50-1" }, "r517": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "715", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1", "Subparagraph": "(d)(iv)(02)(A)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480506/715-20-50-1" }, "r518": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "715", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1", "Subparagraph": "(d)(iv)(02)(B)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480506/715-20-50-1" }, "r519": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "715", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1", "Subparagraph": "(d)(iv)(02)(C)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480506/715-20-50-1" }, "r520": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "715", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1", "Subparagraph": "(d)(iv)(03)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480506/715-20-50-1" }, "r521": { "role":

"http://www.xbrl.org/2003/role/disclosureRef", "Topic": "715", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1", "Subparagraph": "(e)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480506/715-20-50-1" }, "r522": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "715", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1", "Subparagraph": "(f)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480506/715-20-50-1" }, "r523": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "715", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1", "Subparagraph": "(g)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480506/715-20-50-1" }, "r524": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "715", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1", "Subparagraph": "(h)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480506/715-20-50-1" }, "r525": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "715", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1", "Subparagraph": "(h)(1)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480506/715-20-50-1" }, "r526": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "715", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1", "Subparagraph": "(h)(2)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480506/715-20-50-1" }, "r527": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "715", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1", "Subparagraph": "(h)(3)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480506/715-20-50-1" }, "r528": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "715", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1", "Subparagraph": "(h)(4)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480506/715-20-50-1" }, "r529": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "715", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1", "Subparagraph": "(h)(5)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480506/715-20-50-1" }, "r530": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "715", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1", "Subparagraph": "(h)(6)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480506/715-20-50-1" }, "r531": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "715", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1", "Subparagraph": "(h)(7)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480506/715-20-50-1" }, "r532": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "715", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1", "Subparagraph": "(i)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480506/715-20-50-1" }, "r533": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "715", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1", "Subparagraph": "(j)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480506/715-20-50-1" }, "r534": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "715", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1", "Subparagraph": "(k)(1)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480506/715-20-50-1" }, "r535": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "715", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1", "Subparagraph": "(k)(2)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480506/715-20-50-1" }, "r536": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "715", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1", "Subparagraph": "(k)(3)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480506/715-20-50-1" }, "r537": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "715", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1", "Subparagraph": "(k)(4)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480506/715-20-50-1" }, "r538": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "715", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1", "Subparagraph": "(l)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480506/715-20-50-1" }, "r539": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "715", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1", "Subparagraph": "(n)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480506/715-20-50-1" }, "r540": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "715", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1", "Subparagraph": "(o)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480506/715-20-50-1" }, "r541": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "715", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1", "Subparagraph": "(p)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480506/715-20-50-1" }, "r542": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "715", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1", "Subparagraph": "(q)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480506/715-20-50-1" }, "r543": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "715", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1", "Subparagraph": "(r)(1)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480506/715-20-50-1" }, "r544": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "715", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1", "Subparagraph": "(r)(2)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480506/715-20-50-1" }, "r545": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "715", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "2", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480506/715-20-50-2" }, "r546": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "715", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "3", "Subparagraph": "(a)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480506/715-20-50-3" }, "r547": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "715", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "3", "Subparagraph": "(b)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480506/715-20-50-3" }, "r548": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "715", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "4", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480506/715-20-50-4" }, "r549": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "715", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "6", "Subparagraph": "(a)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480506/715-20-50-6" }, "r550": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "715", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "6", "Subparagraph": "(a)(1)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480506/715-20-50-6" }, "r551": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "715", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "6", "Subparagraph": "(a)(2)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480506/715-20-50-6" }, "r552": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "715", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "6", "Subparagraph": "(a)(3)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480506/715-20-50-6" }, "r553": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "715", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "6", "Subparagraph": "(a)(4)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480506/715-20-50-6" }, "r554": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "715", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "6", "Subparagraph": "(a)(5)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480506/715-20-50-6" }, "r555": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "715", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "6", "Subparagraph": "(a)(6)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480506/715-20-50-6" }, "r556": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "715", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "6", "Subparagraph": "(a)(7)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480506/715-20-50-6" }, "r557": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "715", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "6", "Subparagraph": "(b)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480506/715-20-50-6" }, "r558": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "715", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "8", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480506/715-20-50-8" }, "r559": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "715", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "2", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480126/715-20-S99-2" }, "r560": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "715", "SubTopic": "60", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "3", "Subparagraph": "(c)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480266/715-60-50-3" }, "r561": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "715", "SubTopic": "70", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480794/715-70-50-1" }, "r562": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "715", "SubTopic": "80", "Name": "Accounting Standards Codification", "Section": "35", "Paragraph": "1", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480606/715-80-35-1" }, "r563": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "715", "SubTopic": "80", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "11", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480576/715-80-50-11" }, "r564": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "715", "SubTopic": "80", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "5", "Subparagraph": "(a)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480576/715-80-50-5" }, "r565": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "715", "SubTopic": "80", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "5", "Subparagraph": "(b)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480576/715-80-50-5" }, "r566": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "715", "SubTopic": "80", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "5", "Subparagraph": "(c)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480576/715-80-50-5" }, "r567": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "715", "SubTopic": "80", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "5", "Subparagraph": "(d)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480576/715-80-50-5" }, "r568": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "715", "SubTopic": "80", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "5", "Subparagraph": "(e)(1)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480576/715-80-50-5" }, "r569": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "715", "SubTopic": "80", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "5", "Subparagraph": "(e)(2)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480576/715-80-50-5" }, "r570": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "715", "SubTopic": "80", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "5", "Subparagraph": "(f)(1)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480576/715-80-50-5" }, "r571": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "715", "SubTopic": "80", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "5", "Subparagraph": "(f)(2)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480576/715-80-50-5" }, "r572": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "715", "SubTopic": "80", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "5", "Subparagraph": "(f)(3)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480576/715-80-50-5" }, "r573": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "715", "SubTopic": "80", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "9", "Subparagraph": "(b)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480576/715-80-50-9" }, "r574": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "718", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "35", "Paragraph": "2", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480483/718-10-35-2" }, "r575": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "718", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "45", "Paragraph": "1", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480454/718-10-45-1" }, "r576": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "718", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "2", "Subparagraph": "(a)(1)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480429/718-10-50-2" }, "r577": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "718", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "2", "Subparagraph": "(a)(2)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480429/718-10-50-2" }, "r578": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "718", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "2", "Subparagraph": "(a)(3)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480429/718-10-50-2" }, "r579": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "718", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "2", "Subparagraph": "(c)(1)(i)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480429/718-10-50-2" }, "r580": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "718", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "2", "Subparagraph": "(c)(1)(ii)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480429/718-10-50-2" }, "r581": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "718", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "2", "Subparagraph": "(c)(1)(iii)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480429/718-10-50-2" }, "r582": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "718", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "2", "Subparagraph": "(c)(1)(iv)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480429/718-10-50-2" }, "r583": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "718", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "2"

"Subparagraph": "(c)(1)(iv)(01)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480429/718-10-50-2" }, "r584": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "718", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "2", "Subparagraph": "(c)(1)(iv)(02)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/214748429/718-10-50-2" }, "r585": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "718", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "2", "Subparagraph": "(c)(1)(iv)(03)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480429/718-10-50-2" }, "r586": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "718", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "2", "Subparagraph": "(c)(1)(iv)(04)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480429/718-10-50-2" }, "r587": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "718", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "2", "Subparagraph": "(c)(2)(i)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480429/718-10-50-2" }, "r588": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "718", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "2", "Subparagraph": "(c)(2)(ii)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480429/718-10-50-2" }, "r589": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "718", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "2", "Subparagraph": "(c)(2)(iii)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480429/718-10-50-2" }, "r590": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "718", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "2", "Subparagraph": "(c)(2)(iii)(01)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480429/718-10-50-2" }, "r591": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "718", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "2", "Subparagraph": "(c)(2)(iii)(02)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480429/718-10-50-2" }, "r592": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "718", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "2", "Subparagraph": "(c)(2)(iii)(03)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480429/718-10-50-2" }, "r593": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "718", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "2", "Subparagraph": "(d)(1)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480429/718-10-50-2" }, "r594": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "718", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "2", "Subparagraph": "(d)(2)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480429/718-10-50-2" }, "r595": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "718", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "2", "Subparagraph": "(e)(1)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480429/718-10-50-2" }, "r596": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "718", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "2", "Subparagraph": "(e)(2)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480429/718-10-50-2" }, "r597": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "718", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "2", "Subparagraph": "(f)(2)(i)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480429/718-10-50-2" }, "r598": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "718", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "2", "Subparagraph": "(f)(2)(ii)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480429/718-10-50-2" }, "r599": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "718", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "2", "Subparagraph": "(f)(2)(iii)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480429/718-10-50-2" }, "r600": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "718", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "2", "Subparagraph": "(f)(2)(iv)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480429/718-10-50-2" }, "r601": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "718", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "2", "Subparagraph": "(f)(2)(v)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480429/718-10-50-2" }, "r602": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "720", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147483359/720-20-50-1" }, "r603": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "730", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482916/730-10-50-1" }, "r604": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "740", "Name": "Accounting Standards Codification", "Publisher": "FASB", "URI": "https://asc.fasb.org/740/tableOfContent" }, "r605": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "740", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "45", "Paragraph": "4", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482525/740-10-45-4" }, "r606": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "740", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "45", "Paragraph": "6", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482525/740-10-45-6" }, "r607": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "740", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "10", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482685/740-10-50-10" }, "r608": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "740", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "12", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482685/740-10-50-12" }, "r609": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "740", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "12", "Subparagraph": "(b)(2)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482685/740-10-50-12" }, "r610": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "740", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "12A", "Subparagraph": "(a)(2)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482685/740-10-50-12A" }, "r611": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "740", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "12B", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482685/740-10-50-12B" }, "r612": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "740", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "12C", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482685/740-10-50-12C" }, "r613": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "740", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "14", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482685/740-10-50-14" }, "r614": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "740", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "15", "Subparagraph": "(e)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482685/740-10-50-15" }, "r615": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "740", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "17", "Subparagraph": "(b)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482685/740-10-50-17" }, "r616": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "740", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "2", "Subparagraph": "(b)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482685/740-10-50-2" }, "r617": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "740", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "21", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482685/740-10-50-21" }, "r618": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "740", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "23", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482685/740-10-50-23" }, "r619": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "740", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "65", "Paragraph": "8", "Subparagraph": "(d)(2)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482615/740-10-65-8" }, "r620": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "740", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "65", "Paragraph": "8", "Subparagraph": "(d)(3)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482615/740-10-65-8" }, "r621": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "740", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "65", "Paragraph": "9", "Subparagraph": "(a)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482615/740-10-65-9" }, "r622": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "740", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1", "Subparagraph": "(SAB Topic 6.I.1.Q1)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147479360/740-10-S99-1" }, "r623": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "740", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1", "Subparagraph": "(SAB Topic 6.I.5.Q1)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147479360/740-10-S99-1" }, "r624": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "740", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1", "Subparagraph": "(SAB Topic 6.I.7)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147479360/740-10-S99-1" }, "r625": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "740", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "2", "Subparagraph": "(SAB Topic 11.C)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147479360/740-10-S99-2" }, "r626": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "740", "SubTopic": "270", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147477891/740-270-50-1" }, "r627": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "740", "SubTopic": "30", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "2", "Subparagraph": "(a)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482603/740-30-50-2" }, "r628": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "740", "SubTopic": "323", "Name": "Accounting Standards Codification", "Section": "25", "Paragraph": "1", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147478758/740-323-25-1" }, "r629": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "740", "SubTopic": "323", "Name": "Accounting Standards Codification", "Section": "65", "Paragraph": "2", "Subparagraph": "(a)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147478666/740-323-65-2" }, "r630": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "740", "SubTopic": "323", "Name": "Accounting Standards Codification", "Section": "65", "Paragraph": "2", "Subparagraph": "(b)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147478666/740-323-65-2" }, "r631": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "740", "SubTopic": "323", "Name": "Accounting Standards Codification", "Section": "65", "Paragraph": "2", "Subparagraph": "(d)(1)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147478666/740-323-65-2" }, "r632": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "740", "SubTopic": "323", "Name": "Accounting Standards Codification", "Section": "65", "Paragraph": "2", "Subparagraph": "(d)(2)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147478666/740-323-65-2" }, "r633": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "740", "SubTopic": "323", "Name": "Accounting Standards Codification", "Section": "65", "Paragraph": "2", "Subparagraph": "(e)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147478666/740-323-65-2" }, "r634": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "740", "SubTopic": "323", "Name": "Accounting Standards Codification", "Section": "65", "Paragraph": "2", "Subparagraph": "(g)(1)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147478666/740-323-65-2" }, "r635": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "740", "SubTopic": "323", "Name": "Accounting Standards Codification", "Section": "65", "Paragraph": "2", "Subparagraph": "(g)(2)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147478666/740-323-65-2" }, "r636": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "740", "SubTopic": "323", "Name": "Accounting Standards Codification", "Section": "65", "Paragraph": "2", "Subparagraph": "(g)(3)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147478666/740-323-65-2" }, "r637": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "740", "SubTopic": "323", "Name": "Accounting Standards Codification", "Section": "65", "Paragraph": "2", "Subparagraph": "(g)(4)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147478666/740-323-65-2" }, "r638": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "805", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "5", "Subparagraph": "(a)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147479907/805-20-50-5" }, "r639": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "805", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "65", "Paragraph": "3", "Subparagraph": "(a)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147479845/805-20-65-3" }, "r640": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "805", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "65", "Paragraph": "3", "Subparagraph": "(b)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147479845/805-20-65-3" }, "r641": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "805", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "65", "Paragraph": "3", "Subparagraph": "(d)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147479845/805-20-65-3" }, "r642": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "805", "SubTopic": "60", "Name": "Accounting Standards Codification", "Section": "65", "Paragraph": "1", "Subparagraph": "(a)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147476176/805-60-65-1" }, "r643": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "805", "SubTopic": "60", "Name": "Accounting Standards Codification", "Section": "65", "Paragraph": "1", "Subparagraph": "(b)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147476176/805-60-65-1" }, "r644": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "805", "SubTopic": "60", "Name": "Accounting Standards Codification", "Section": "65", "Paragraph": "1", "Subparagraph": "(d)(1)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147476176/805-60-65-1" }, "r645": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "805", "SubTopic": "60", "Name": "Accounting Standards Codification", "Section": "65", "Paragraph": "1", "Subparagraph": "(g)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147476176/805-60-65-1" }, "r646": { "role":

"http://www.xbrl.org/2003/role/disclosureRef", "Topic": "808", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1", "Subparagraph": "(d)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147479402/808-10-50-1" }, r647: { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "810", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "45", "Paragraph": "19", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481231/810-10-45-19" }, r648: { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "810", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "45", "Paragraph": "25", "Subparagraph": "(a)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481231/810-10-45-25" }, r649: { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "810", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "45", "Paragraph": "25", "Subparagraph": "(b)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481231/810-10-45-25" }, r650: { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "810", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1A", "Subparagraph": "(a)(1)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481203/810-10-50-1A" }, r651: { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "810", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1A", "Subparagraph": "(c)(1)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481203/810-10-50-1A" }, r652: { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "810", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "3", "Subparagraph": "(bb)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481203/810-10-50-3" }, r653: { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "810", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "3", "Subparagraph": "(c)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481203/810-10-50-3" }, r654: { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "815", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "4A", "Subparagraph": "(b)(2)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480434/815-10-50-4A" }, r655: { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "815", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "4C", "Subparagraph": "(b)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480434/815-10-50-4C" }, r656: { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "815", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "4E", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480434/815-10-50-4E" }, r657: { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "815", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "45", "Paragraph": "3", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480627/815-20-45-3" }, r658: { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "815", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "65", "Paragraph": "5", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480528/815-20-65-5" }, r659: { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "815", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "65", "Paragraph": "6", "Subparagraph": "(a)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480528/815-20-65-6" }, r660: { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "815", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "65", "Paragraph": "6", "Subparagraph": "(b)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480528/815-20-65-6" }, r661: { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "815", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "65", "Paragraph": "6", "Subparagraph": "(c)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480528/815-20-65-6" }, r662: { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "815", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "65", "Paragraph": "6", "Subparagraph": "(e)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480528/815-20-65-6" }, r663: { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "815", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "65", "Paragraph": "6", "Subparagraph": "(h)(1)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480528/815-20-65-6" }, r664: { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "815", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "65", "Paragraph": "6", "Subparagraph": "(h)(1)(i)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480528/815-20-65-6" }, r665: { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "815", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "65", "Paragraph": "6", "Subparagraph": "(h)(1)(iii)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480528/815-20-65-6" }, r666: { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "815", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "65", "Paragraph": "6", "Subparagraph": "(h)(1)(iv)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480528/815-20-65-6" }, r667: { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "815", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "65", "Paragraph": "6", "Subparagraph": "(i)(1)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480528/815-20-65-6" }, r668: { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "815", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "65", "Paragraph": "6", "Subparagraph": "(i)(3)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480528/815-20-65-6" }, r669: { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "815", "SubTopic": "40", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "5", "Subparagraph": "(f)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480237/815-40-50-5" }, r670: { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "815", "SubTopic": "40", "Name": "Accounting Standards Codification", "Section": "65", "Paragraph": "1", "Subparagraph": "(a)(1)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480175/815-40-65-1" }, r671: { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "815", "SubTopic": "40", "Name": "Accounting Standards Codification", "Section": "65", "Paragraph": "1", "Subparagraph": "(a)(2)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480175/815-40-65-1" }, r672: { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "815", "SubTopic": "40", "Name": "Accounting Standards Codification", "Section": "65", "Paragraph": "1", "Subparagraph": "(a)(3)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480175/815-40-65-1" }, r673: { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "815", "SubTopic": "40", "Name": "Accounting Standards Codification", "Section": "65", "Paragraph": "1", "Subparagraph": "(c)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480175/815-40-65-1" }, r674: { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "815", "SubTopic": "40", "Name": "Accounting Standards Codification", "Section": "65", "Paragraph": "1", "Subparagraph": "(e)(1)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480175/815-40-65-1" }, r675: { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "815", "SubTopic": "40", "Name": "Accounting Standards Codification", "Section": "65", "Paragraph": "1", "Subparagraph": "(e)(3)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480175/815-40-65-1" }, r676: { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "815", "SubTopic": "40", "Name": "Accounting Standards Codification", "Section": "65", "Paragraph": "1", "Subparagraph": "(e)(4)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480175/815-40-65-1" }, r677: { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "815", "SubTopic": "40", "Name": "Accounting Standards Codification", "Section": "65", "Paragraph": "1", "Subparagraph": "(f)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480175/815-40-65-1" }, r678: { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "820", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "35", "Paragraph": "54B", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482134/820-10-35-54B" }, r679: { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "820", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "2", "Subparagraph": "(a)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482106/820-10-50-2" }, r680: { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "820", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "2", "Subparagraph": "(b)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482106/820-10-50-2" }, r681: { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "820", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "2", "Subparagraph": "(bbb)(1)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482106/820-10-50-2" }, r682: { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "820", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "2", "Subparagraph": "(bbb)(2)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482106/820-10-50-2" }, r683: { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "820", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "2", "Subparagraph": "(bbb)(2)(i)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482106/820-10-50-2" }, r684: { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "820", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "2", "Subparagraph": "(c)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482106/820-10-50-2" }, r685: { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "820", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "2", "Subparagraph": "(c)(1)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482106/820-10-50-2" }, r686: { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "820", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "2", "Subparagraph": "(c)(1a)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482106/820-10-50-2" }, r687: { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "820", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "2", "Subparagraph": "(c)(2)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482106/820-10-50-2" }, r688: { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "820", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "2", "Subparagraph": "(c)(3)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482106/820-10-50-2" }, r689: { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "820", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "2", "Subparagraph": "(d)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482106/820-10-50-2" }, r690: { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "820", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "2", "Subparagraph": "(g)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482106/820-10-50-2" }, r691: { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "820", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "2", "Subparagraph": "(h)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482106/820-10-50-2" }, r692: { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "820", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "2E", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482106/820-10-50-2E" }, r693: { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "820", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "3", "Subparagraph": "(a)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482106/820-10-50-3" }, r694: { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "820", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "3", "Subparagraph": "(b)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482106/820-10-50-3" }, r695: { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "820", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "6A", "Subparagraph": "(a)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482106/820-10-50-6A" }, r696: { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "820", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "6A", "Subparagraph": "(d)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482106/820-10-50-6A" }, r697: { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "820", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "6A", "Subparagraph": "(e)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482106/820-10-50-6A" }, r698: { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "820", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "6A", "Subparagraph": "(f)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482106/820-10-50-6A" }, r699: { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "820", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "6A", "Subparagraph": "(h)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482106/820-10-50-6A" }, r700: { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "820", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "6B", "Subparagraph": "(a)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482106/820-10-50-6B" }, r701: { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "820", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "65", "Paragraph": "13", "Subparagraph": "(a)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482477/820-10-65-13" }, r702: { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "820", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "65", "Paragraph": "13", "Subparagraph": "(b)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482477/820-10-65-13" }, r703: { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "825", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "45", "Paragraph": "2", "Subparagraph": "(a)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482736/825-10-45-2" }, r704: { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "825", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "45", "Paragraph": "5A", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482736/825-10-45-5A" }, r705: { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "825", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "10", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482907/825-10-50-10" }, r706: { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "825", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "28", "Subparagraph": "(f)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482907/825-10-50-28" }, r707: { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "830", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "45", "Paragraph": "17", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481839/830-10-45-17" }, r708: { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "830", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "35", "Paragraph": "1", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482014/830-20-35-1" }, r709: { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "830", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "45", "Paragraph": "1", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481956/830-20-45-1" }, r710: { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "830", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481926/830-

20-50-1" }, "r711": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "830", "SubTopic": "230", "Name": "Accounting Standards Codification", "Section": "45", "Paragraph": "1", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147477401/830-230-45-1" }, "r712": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "830", "SubTopic": "30", "Name": "Accounting Standards Codification", "Section": "45", "Paragraph": "17", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481694/830-30-45-17" }, "r713": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "830", "SubTopic": "30", "Name": "Accounting Standards Codification", "Section": "45", "Paragraph": "20", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481694/830-30-45-20" }, "r714": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "830", "SubTopic": "30", "Name": "Accounting Standards Codification", "Section": "45", "Paragraph": "20", "Subparagraph": "(a)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481694/830-30-45-20" }, "r715": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "830", "SubTopic": "30", "Name": "Accounting Standards Codification", "Section": "45", "Paragraph": "20", "Subparagraph": "(b)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481694/830-30-45-20" }, "r716": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "830", "SubTopic": "30", "Name": "Accounting Standards Codification", "Section": "45", "Paragraph": "20", "Subparagraph": "(c)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481694/830-30-45-20" }, "r717": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "830", "SubTopic": "30", "Name": "Accounting Standards Codification", "Section": "45", "Paragraph": "20", "Subparagraph": "(d)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481694/830-30-45-20" }, "r718": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "830", "SubTopic": "30", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481674/830-30-50-1" }, "r719": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "830", "SubTopic": "30", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "2", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481674/830-30-50-2" }, "r720": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "835", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1", "Subparagraph": "(a)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147403013/835-20-50-1" }, "r721": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "835", "SubTopic": "30", "Name": "Accounting Standards Codification", "Section": "45", "Paragraph": "2", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482925/835-30-45-2" }, "r722": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "835", "SubTopic": "30", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482900/835-30-50-1" }, "r723": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "842", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "65", "Paragraph": "8", "Subparagraph": "(a)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147479832/842-10-65-8" }, "r724": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "842", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "65", "Paragraph": "8", "Subparagraph": "(c)(3)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147479832/842-10-65-8" }, "r725": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "842", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "35", "Paragraph": "12A", "Subparagraph": "(b)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147479165/842-20-35-12A" }, "r726": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "842", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "7A", "Subparagraph": "(a)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147478964/842-20-50-7A" }, "r727": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "848", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "65", "Paragraph": "1", "Subparagraph": "(a)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147483550/848-10-65-1" }, "r728": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "848", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "65", "Paragraph": "1", "Subparagraph": "(e)(1)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147483550/848-10-65-1" }, "r729": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "848", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "65", "Paragraph": "2", "Subparagraph": "(a)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147483550/848-10-65-2" }, "r730": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "848", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "65", "Paragraph": "2", "Subparagraph": "(a)(3)(iii)(03)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147483550/848-10-65-2" }, "r731": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "848", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "65", "Paragraph": "2", "Subparagraph": "(c)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147483550/848-10-65-2" }, "r732": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "848", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "65", "Paragraph": "2", "Subparagraph": "(d)(1)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147483550/848-10-65-2" }, "r733": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "850", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1", "Subparagraph": "(c)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147483326/850-10-50-1" }, "r734": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "850", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1", "Subparagraph": "(d)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147483326/850-10-50-1" }, "r735": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "852", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "45", "Paragraph": "14", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481435/852-10-45-14" }, "r736": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "855", "Name": "Accounting Standards Codification", "Publisher": "FASB", "URI": "https://asc.fasb.org/855/tableOfContent" }, "r737": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "855", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "2", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147483399/855-10-50-2" }, "r738": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "855", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "2", "Subparagraph": "(a)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147483399/855-10-50-2" }, "r739": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "860", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "3", "Subparagraph": "(b)(2)(i)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481326/860-20-50-3" }, "r740": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "860", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "3", "Subparagraph": "(b)(2)(ii)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481326/860-20-50-3" }, "r741": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "860", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "3", "Subparagraph": "(b)(3)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481326/860-20-50-3" }, "r742": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "860", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "3", "Subparagraph": "(bb)(1)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481326/860-20-50-3" }, "r743": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "860", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "3", "Subparagraph": "(bb)(2)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481326/860-20-50-3" }, "r744": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "860", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "3", "Subparagraph": "(bb)(3)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481326/860-20-50-3" }, "r745": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "860", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "3", "Subparagraph": "(c)(1)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481326/860-20-50-3" }, "r746": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "860", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "3", "Subparagraph": "(c)(2)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481326/860-20-50-3" }, "r747": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "860", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "3", "Subparagraph": "(c)(3)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481326/860-20-50-3" }, "r748": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "860", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "4", "Subparagraph": "(b)(1)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481326/860-20-50-4" }, "r749": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "860", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "4", "Subparagraph": "(b)(2)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481326/860-20-50-4" }, "r750": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "860", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "4", "Subparagraph": "(b)(3)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481326/860-20-50-4" }, "r751": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "860", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "4", "Subparagraph": "(c)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481326/860-20-50-4" }, "r752": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "860", "SubTopic": "30", "Name": "Accounting Standards Codification", "Section": "45", "Paragraph": "1", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481444/860-30-45-1" }, "r753": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "860", "SubTopic": "30", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "7", "Subparagraph": "(a)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481420/860-30-50-7" }, "r754": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "860", "SubTopic": "30", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "7", "Subparagraph": "(d)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481420/860-30-50-7" }, "r755": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "860", "SubTopic": "50", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "3", "Subparagraph": "(a)(1)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481229/860-50-50-3" }, "r756": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "860", "SubTopic": "50", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "3", "Subparagraph": "(a)(2)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481229/860-50-50-3" }, "r757": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "860", "SubTopic": "50", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "3", "Subparagraph": "(a)(3)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481229/860-50-50-3" }, "r758": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "860", "SubTopic": "50", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "3", "Subparagraph": "(a)(4)(i)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481229/860-50-50-3" }, "r759": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "860", "SubTopic": "50", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "4", "Subparagraph": "(a)(1)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481229/860-50-50-4" }, "r760": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "860", "SubTopic": "50", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "4", "Subparagraph": "(a)(2)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481229/860-50-50-4" }, "r761": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "860", "SubTopic": "50", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "4", "Subparagraph": "(a)(3)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481229/860-50-50-4" }, "r762": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "860", "SubTopic": "50", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "4", "Subparagraph": "(a)(4)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481229/860-50-50-4" }, "r763": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "860", "SubTopic": "50", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "4", "Subparagraph": "(a)(5)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481229/860-50-50-4" }, "r764": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "860", "SubTopic": "50", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "4", "Subparagraph": "(a)(6)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481229/860-50-50-4" }, "r765": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "860", "SubTopic": "50", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "4", "Subparagraph": "(a)(7)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481229/860-50-50-4" }, "r766": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "860", "SubTopic": "50", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "4", "Subparagraph": "(b)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481229/860-50-50-4" }, "r767": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "860", "SubTopic": "50", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "4", "Subparagraph": "(e)(1)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481229/860-50-50-4" }, "r768": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "860", "SubTopic": "50", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "4", "Subparagraph": "(e)(2)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481229/860-50-50-4" }, "r769": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "860", "SubTopic": "50", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "4", "Subparagraph": "(e)(3)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481229/860-50-50-4" }, "r770": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "910", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "6", "Subparagraph": "(b)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482546/910-10-50-6" }, "r771": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "924", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1", "Subparagraph": "(SAB Topic 11.L)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147479941/924-10-S99-1" }, "r772": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "926", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "65", "Paragraph": "2", "Subparagraph": "(a)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147483194/926-20-65-2" }, "r773": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "926", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "65", "Paragraph": "2", "Subparagraph": "(b)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147483194/926-20-65-2" }, "r774": { "role":

"http://www.xbrl.org/2003/role/disclosureRef", "Topic": "926", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "65", "Paragraph": "2", "Subparagraph": "(f)(1)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147483194/926-20-65-2" }, "r775": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "926", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "65", "Paragraph": "2", "Subparagraph": "(f)(2)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147483194/926-20-65-2" }, "r776": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "926", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "65", "Paragraph": "2", "Subparagraph": "(f)(3)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147483194/926-20-65-2" }, "r777": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "932", "SubTopic": "220", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147478934/932-220-50-1" }, "r778": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "932", "SubTopic": "235", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "15", "Subparagraph": "(b)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147477215/932-235-50-15" }, "r779": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "932", "SubTopic": "235", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "18", "Subparagraph": "(a)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147477215/932-235-50-18" }, "r780": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "932", "SubTopic": "235", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "18", "Subparagraph": "(b)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147477215/932-235-50-18" }, "r781": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "932", "SubTopic": "235", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "18", "Subparagraph": "(c)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147477215/932-235-50-18" }, "r782": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "932", "SubTopic": "235", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "19", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147477215/932-235-50-19" }, "r783": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "932", "SubTopic": "235", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "20", "Subparagraph": "(b)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147477215/932-235-50-20" }, "r784": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "932", "SubTopic": "235", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "23", "Subparagraph": "(a)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147477215/932-235-50-23" }, "r785": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "932", "SubTopic": "235", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "23", "Subparagraph": "(b)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147477215/932-235-50-23" }, "r786": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "932", "SubTopic": "235", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "23", "Subparagraph": "(c)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147477215/932-235-50-23" }, "r787": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "932", "SubTopic": "235", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "23", "Subparagraph": "(d)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147477215/932-235-50-23" }, "r788": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "932", "SubTopic": "235", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "23", "Subparagraph": "(e)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147477215/932-235-50-23" }, "r789": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "932", "SubTopic": "235", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "23", "Subparagraph": "(f)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147477215/932-235-50-23" }, "r790": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "932", "SubTopic": "235", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "28", "Subparagraph": "(b)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147477215/932-235-50-28" }, "r791": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "932", "SubTopic": "235", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "31", "Subparagraph": "(a)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147477215/932-235-50-31" }, "r792": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "932", "SubTopic": "235", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "31", "Subparagraph": "(b)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147477215/932-235-50-31" }, "r793": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "932", "SubTopic": "235", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "31", "Subparagraph": "(c)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147477215/932-235-50-31" }, "r794": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "932", "SubTopic": "235", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "31", "Subparagraph": "(d)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147477215/932-235-50-31" }, "r795": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "932", "SubTopic": "235", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "31", "Subparagraph": "(e)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147477215/932-235-50-31" }, "r796": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "932", "SubTopic": "235", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "31", "Subparagraph": "(f)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147477215/932-235-50-31" }, "r797": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "932", "SubTopic": "235", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "33", "Subparagraph": "(b)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147477215/932-235-50-33" }, "r798": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "932", "SubTopic": "235", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "35A", "Subparagraph": "(b)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147477215/932-235-50-35A" }, "r799": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "932", "SubTopic": "235", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "5", "Subparagraph": "(a)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147477215/932-235-50-5" }, "r800": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "932", "SubTopic": "235", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "5", "Subparagraph": "(b)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147477215/932-235-50-5" }, "r801": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "932", "SubTopic": "235", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "5", "Subparagraph": "(c)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147477215/932-235-50-5" }, "r802": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "932", "SubTopic": "235", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "5", "Subparagraph": "(d)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147477215/932-235-50-5" }, "r803": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "932", "SubTopic": "235", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "5", "Subparagraph": "(e)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147477215/932-235-50-5" }, "r804": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "932", "SubTopic": "235", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "5", "Subparagraph": "(f)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147477215/932-235-50-5" }, "r805": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "932", "SubTopic": "235", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "6", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147477215/932-235-50-6" }, "r806": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "932", "SubTopic": "235", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "7", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147477215/932-235-50-7" }, "r807": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "932", "SubTopic": "235", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "8", "Subparagraph": "(a)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147477215/932-235-50-8" }, "r808": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "932", "SubTopic": "235", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "8", "Subparagraph": "(c)(1)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147477215/932-235-50-8" }, "r809": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "932", "SubTopic": "235", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "8", "Subparagraph": "(c)(2)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147477215/932-235-50-8" }, "r810": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "932", "SubTopic": "280", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147478657/932-280-50-1" }, "r811": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "932", "SubTopic": "323", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147478988/932-323-50-1" }, "r812": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "940", "SubTopic": "820", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1", "Subparagraph": "(a)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147478119/940-820-50-1" }, "r813": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "942", "SubTopic": "210", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1", "Subparagraph": "(SX 210.9-03(10)(1))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147478546/942-210-S99-1" }, "r814": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "942", "SubTopic": "220", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1", "Subparagraph": "(SX 210.9-04(23))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147478524/942-220-S99-1" }, "r815": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "942", "SubTopic": "220", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1", "Subparagraph": "(SX 210.9-04(24))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147478524/942-220-S99-1" }, "r816": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "942", "SubTopic": "220", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1", "Subparagraph": "(SX 210.9-04(25))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147478524/942-220-S99-1" }, "r817": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "942", "SubTopic": "220", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1", "Subparagraph": "(SX 210.9-04(26))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147478524/942-220-S99-1" }, "r818": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "942", "SubTopic": "220", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1", "Subparagraph": "(SX 210.9-04(27))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147478524/942-220-S99-1" }, "r819": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "942", "SubTopic": "235", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1", "Subparagraph": "(SX 210.9-05(b)(2))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147477314/942-235-S99-1" }, "r820": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "942", "SubTopic": "360", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147478451/942-360-50-1" }, "r821": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "944", "SubTopic": "210", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1", "Subparagraph": "(SX 210.7-03(a)(12))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147478777/944-210-S99-1" }, "r822": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "944", "SubTopic": "210", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1", "Subparagraph": "(SX 210.7-03(a)(16)(a)(2))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147478777/944-210-S99-1" }, "r823": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "944", "SubTopic": "210", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1", "Subparagraph": "(SX 210.7-03(a)(17))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147478777/944-210-S99-1" }, "r824": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "944", "SubTopic": "210", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1", "Subparagraph": "(SX 210.7-03(a)(19))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147478777/944-210-S99-1" }, "r825": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "944", "SubTopic": "210", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1", "Subparagraph": "(SX 210.7-03(a)(22))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147478777/944-210-S99-1" }, "r826": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "944", "SubTopic": "210", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1", "Subparagraph": "(SX 210.7-03(a)(23)(a)(3))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147478777/944-210-S99-1" }, "r827": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "944", "SubTopic": "210", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1", "Subparagraph": "(SX 210.7-03(a)(23)(a)(4))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147478777/944-210-S99-1" }, "r828": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "944", "SubTopic": "210", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1", "Subparagraph": "(SX 210.7-03(a)(24))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147478777/944-210-S99-1" }, "r829": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "944", "SubTopic": "210", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1", "Subparagraph": "(SX 210.7-03(a)(25))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147478777/944-210-S99-1" }, "r830": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "944", "SubTopic": "210", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1", "Subparagraph": "(SX 210.7-03(a)(3))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147478777/944-210-S99-1" }, "r831": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "944", "SubTopic": "210", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1", "Subparagraph": "(SX 210.7-03(a)(8)(b))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147478777/944-210-S99-1" }, "r832": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "944", "SubTopic": "210", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1", "Subparagraph": "(SX 210.7-03(a)(8))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147478777/944-210-S99-1" }, "r833": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "944", "SubTopic": "220", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1", "Subparagraph": "(SX 210.7-04(10))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147477250/944-220-S99-1" }, "r834": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "944", "SubTopic": "220", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1", "Subparagraph": "(SX 210.7-04(11))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147477250/944-220-S99-1" }, "r835": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "944", "SubTopic": "220", "Name":

"Accounting Standards Codification", "Section": "S99", "Paragraph": "1", "Subparagraph": "(SX 210.7-04(16))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147477250/944-220-S99-1" }, "r836": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "944", "SubTopic": "220", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1", "Subparagraph": "(SX 210.7-04(17))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147477250/944-220-S99-1" }, "r837": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "944", "SubTopic": "220", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1", "Subparagraph": "(SX 210.7-04(18))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147477250/944-220-S99-1" }, "r838": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "944", "SubTopic": "220", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1", "Subparagraph": "(SX 210.7-04(19))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147477250/944-220-S99-1" }, "r839": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "944", "SubTopic": "220", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1", "Subparagraph": "(SX 210.7-04(2)(a))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147477250/944-220-S99-1" }, "r840": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "944", "SubTopic": "220", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1", "Subparagraph": "(SX 210.7-04(20))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147477250/944-220-S99-1" }, "r841": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "944", "SubTopic": "220", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1", "Subparagraph": "(SX 210.7-04(21))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147477250/944-220-S99-1" }, "r842": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "944", "SubTopic": "220", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1", "Subparagraph": "(SX 210.7-04(22))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147477250/944-220-S99-1" }, "r843": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "944", "SubTopic": "220", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1", "Subparagraph": "(SX 210.7-04(23))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147477250/944-220-S99-1" }, "r844": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "944", "SubTopic": "220", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1", "Subparagraph": "(SX 210.7-04(9))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147477250/944-220-S99-1" }, "r845": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "944", "SubTopic": "235", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1", "Subparagraph": "(SX 210.12-16(Column A))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147477965/944-235-S99-1" }, "r846": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "944", "SubTopic": "235", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1", "Subparagraph": "(SX 210.12-16(Column B))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147477965/944-235-S99-1" }, "r847": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "944", "SubTopic": "235", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1", "Subparagraph": "(SX 210.12-16(Column C))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147477965/944-235-S99-1" }, "r848": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "944", "SubTopic": "235", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1", "Subparagraph": "(SX 210.12-16(Column D))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147477965/944-235-S99-1" }, "r849": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "944", "SubTopic": "235", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1", "Subparagraph": "(SX 210.12-16(Column E))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147477965/944-235-S99-1" }, "r850": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "944", "SubTopic": "235", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1", "Subparagraph": "(SX 210.12-16(Column F))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147477965/944-235-S99-1" }, "r851": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "944", "SubTopic": "235", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1", "Subparagraph": "(SX 210.12-16(Column G))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147477965/944-235-S99-1" }, "r852": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "944", "SubTopic": "235", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1", "Subparagraph": "(SX 210.12-16(Column H))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147477965/944-235-S99-1" }, "r853": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "944", "SubTopic": "235", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1", "Subparagraph": "(SX 210.12-16(Column I))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147477965/944-235-S99-1" }, "r854": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "944", "SubTopic": "235", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1", "Subparagraph": "(SX 210.12-16(Column J))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147477965/944-235-S99-1" }, "r855": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "944", "SubTopic": "235", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1", "Subparagraph": "(SX 210.12-16(Column K))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147477965/944-235-S99-1" }, "r856": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "944", "SubTopic": "235", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "2", "Subparagraph": "(SX 210.12-17(Column A))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147477965/944-235-S99-2" }, "r857": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "944", "SubTopic": "235", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "2", "Subparagraph": "(SX 210.12-17(Column B))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147477965/944-235-S99-2" }, "r858": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "944", "SubTopic": "235", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "2", "Subparagraph": "(SX 210.12-17(Column C))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147477965/944-235-S99-2" }, "r859": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "944", "SubTopic": "235", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "2", "Subparagraph": "(SX 210.12-17(Column D))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147477965/944-235-S99-2" }, "r860": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "944", "SubTopic": "235", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "2", "Subparagraph": "(SX 210.12-17(Column E))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147477965/944-235-S99-2" }, "r861": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "944", "SubTopic": "235", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "2", "Subparagraph": "(SX 210.12-17(Column F))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147477965/944-235-S99-2" }, "r862": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "944", "SubTopic": "40", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "4E", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480081/944-40-50-4E" }, "r863": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "944", "SubTopic": "40", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "5", "Subparagraph": "(b)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480081/944-40-50-5" }, "r864": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "944", "SubTopic": "40", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "5", "Subparagraph": "(e)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480081/944-40-50-5" }, "r865": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "944", "SubTopic": "40", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "7A", "Subparagraph": "(d)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480081/944-40-50-7A" }, "r866": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "944", "SubTopic": "40", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "9", "Subparagraph": "(a)(4)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480081/944-40-50-9" }, "r867": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "944", "SubTopic": "40", "Name": "Accounting Standards Codification", "Section": "65", "Paragraph": "2", "Subparagraph": "(a)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480016/944-40-65-2" }, "r868": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "944", "SubTopic": "40", "Name": "Accounting Standards Codification", "Section": "65", "Paragraph": "2", "Subparagraph": "(b)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480016/944-40-65-2" }, "r869": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "944", "SubTopic": "40", "Name": "Accounting Standards Codification", "Section": "65", "Paragraph": "2", "Subparagraph": "(e)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480016/944-40-65-2" }, "r870": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "944", "SubTopic": "40", "Name": "Accounting Standards Codification", "Section": "65", "Paragraph": "2", "Subparagraph": "(f)(1)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480016/944-40-65-2" }, "r871": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "944", "SubTopic": "40", "Name": "Accounting Standards Codification", "Section": "65", "Paragraph": "2", "Subparagraph": "(f)(2)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480016/944-40-65-2" }, "r872": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "944", "SubTopic": "40", "Name": "Accounting Standards Codification", "Section": "65", "Paragraph": "2", "Subparagraph": "(g)(2)(i)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480016/944-40-65-2" }, "r873": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "944", "SubTopic": "40", "Name": "Accounting Standards Codification", "Section": "65", "Paragraph": "2", "Subparagraph": "(g)(2)(ii)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480016/944-40-65-2" }, "r874": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "944", "SubTopic": "40", "Name": "Accounting Standards Codification", "Section": "65", "Paragraph": "2", "Subparagraph": "(g)(2)(iii)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480016/944-40-65-2" }, "r875": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "944", "SubTopic": "40", "Name": "Accounting Standards Codification", "Section": "65", "Paragraph": "2", "Subparagraph": "(g)(2)(iv)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480016/944-40-65-2" }, "r876": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "944", "SubTopic": "40", "Name": "Accounting Standards Codification", "Section": "65", "Paragraph": "2", "Subparagraph": "(h)(2)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480016/944-40-65-2" }, "r877": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "944", "SubTopic": "40", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1", "Subparagraph": "(SAB Topic 5.W.Q2)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147479583/944-40-S99-1" }, "r878": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "946", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "3", "Subparagraph": "(SX 210.6-03(d))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147479886/946-10-S99-3" }, "r879": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "946", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "3", "Subparagraph": "(SX 210.6-03(i)(1))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147479886/946-10-S99-3" }, "r880": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "946", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "3", "Subparagraph": "(SX 210.6-03(i)(2)(i))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147479886/946-10-S99-3" }, "r881": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "946", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "3", "Subparagraph": "(SX 210.6-03(i)(2)(ii))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147479886/946-10-S99-3" }, "r882": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "946", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "3", "Subparagraph": "(SX 210.6-03(i)(2))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147479886/946-10-S99-3" }, "r883": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "946", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "11", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480990/946-20-50-11" }, "r884": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "946", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "13", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480990/946-20-50-13" }, "r885": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "946", "SubTopic": "205", "Name": "Accounting Standards Codification", "Section": "45", "Paragraph": "3", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147478009/946-205-45-3" }, "r886": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "946", "SubTopic": "205", "Name": "Accounting Standards Codification", "Section": "45", "Paragraph": "3", "Subparagraph": "(a)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147478009/946-205-45-3" }, "r887": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "946", "SubTopic": "205", "Name": "Accounting Standards Codification", "Section": "45", "Paragraph": "4", "Subparagraph": "(a)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147478009/946-205-45-4" }, "r888": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "946", "SubTopic": "205", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "2", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147478494/946-205-50-2" }, "r889": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "946", "SubTopic": "205", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "27", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147478494/946-205-50-27" }, "r890": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "946", "SubTopic": "205", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "7", "Subparagraph": "(a)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147478494/946-205-50-7" }, "r891": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "946", "SubTopic": "205", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "7", "Subparagraph": "(b)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147478494/946-205-50-7" }, "r892": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "946", "SubTopic": "205", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "7", "Subparagraph": "(c)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147478494/946-205-50-7" }, "r893": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "946", "SubTopic": "205", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "7", "Subparagraph": "(d)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147478494/946-205-50-7" }, "r894": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "946", "SubTopic": "205", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "7", "Subparagraph": "(e)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147478494/946-205-50-7" }, "r895": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "946", "SubTopic": "205", "Name": "Accounting Standards Codification", "Section": "50",

"Paragraph": "7", "Subparagraph": "(f)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147478494/946-205-50-7" }, "r896": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "946", "SubTopic": "205", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "7", "Subparagraph": "(g)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147478494/946-205-50-7" }, "r897": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "946", "SubTopic": "205", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "7", "Subparagraph": "(h)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147478494/946-205-50-7" }, "r898": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "946", "SubTopic": "210", "Name": "Accounting Standards Codification", "Section": "45", "Paragraph": "4", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147477796/946-210-45-4" }, "r899": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "946", "SubTopic": "210", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1", "Subparagraph": "(a)(1)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147478795/946-210-50-1" }, "r900": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "946", "SubTopic": "210", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1", "Subparagraph": "(b)(1)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147478795/946-210-50-1" }, "r901": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "946", "SubTopic": "210", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1", "Subparagraph": "(b)(2)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147478795/946-210-50-1" }, "r902": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "946", "SubTopic": "210", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1", "Subparagraph": "(c)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147478795/946-210-50-1" }, "r903": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "946", "SubTopic": "210", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "12", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147478795/946-210-50-12" }, "r904": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "946", "SubTopic": "210", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "2", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147478795/946-210-50-2" }, "r905": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "946", "SubTopic": "210", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "6", "Subparagraph": "(a)(1)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147478795/946-210-50-6" }, "r906": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "946", "SubTopic": "210", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "6", "Subparagraph": "(a)(2)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147478795/946-210-50-6" }, "r907": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "946", "SubTopic": "210", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "6", "Subparagraph": "(a)(4)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147478795/946-210-50-6" }, "r908": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "946", "SubTopic": "210", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "6", "Subparagraph": "(e)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147478795/946-210-50-6" }, "r909": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "946", "SubTopic": "210", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "6", "Subparagraph": "(f)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147478795/946-210-50-6" }, "r910": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "946", "SubTopic": "210", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1", "Subparagraph": "(SX 210-04(1))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147479170/946-210-S99-1" }, "r911": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "946", "SubTopic": "210", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1", "Subparagraph": "(SX 210-04(12)(b)(1))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147479170/946-210-S99-1" }, "r912": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "946", "SubTopic": "210", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1", "Subparagraph": "(SX 210-04(12)(b)(2))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147479170/946-210-S99-1" }, "r913": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "946", "SubTopic": "210", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1", "Subparagraph": "(SX 210-04(12)(b)(3))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147479170/946-210-S99-1" }, "r914": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "946", "SubTopic": "210", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1", "Subparagraph": "(SX 210-04(13)(a)(2))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147479170/946-210-S99-1" }, "r915": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "946", "SubTopic": "210", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1", "Subparagraph": "(SX 210-04(13)(a)(3))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147479170/946-210-S99-1" }, "r916": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "946", "SubTopic": "210", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1", "Subparagraph": "(SX 210-04(14))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147479170/946-210-S99-1" }, "r917": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "946", "SubTopic": "210", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1", "Subparagraph": "(SX 210-04(15))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147479170/946-210-S99-1" }, "r918": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "946", "SubTopic": "210", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1", "Subparagraph": "(SX 210-04(16)(a))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147479170/946-210-S99-1" }, "r919": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "946", "SubTopic": "210", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1", "Subparagraph": "(SX 210-04(17))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147479170/946-210-S99-1" }, "r920": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "946", "SubTopic": "210", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1", "Subparagraph": "(SX 210-04(19))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147479170/946-210-S99-1" }, "r921": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "946", "SubTopic": "210", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1", "Subparagraph": "(SX 210-04(2)(a))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147479170/946-210-S99-1" }, "r922": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "946", "SubTopic": "210", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1", "Subparagraph": "(SX 210-04(2)(b))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147479170/946-210-S99-1" }, "r923": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "946", "SubTopic": "210", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1", "Subparagraph": "(SX 210-04(3)(a))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147479170/946-210-S99-1" }, "r924": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "946", "SubTopic": "210", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1", "Subparagraph": "(SX 210-04(3)(b))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147479170/946-210-S99-1" }, "r925": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "946", "SubTopic": "210", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1", "Subparagraph": "(SX 210-04(3)(c))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147479170/946-210-S99-1" }, "r926": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "946", "SubTopic": "210", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1", "Subparagraph": "(SX 210-04(6)(b))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147479170/946-210-S99-1" }, "r927": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "946", "SubTopic": "210", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1", "Subparagraph": "(SX 210-04(6)(c))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147479170/946-210-S99-1" }, "r928": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "946", "SubTopic": "210", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1", "Subparagraph": "(SX 210-04(6)(d))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147479170/946-210-S99-1" }, "r929": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "946", "SubTopic": "210", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1", "Subparagraph": "(SX 210-04(6)(e))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147479170/946-210-S99-1" }, "r930": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "946", "SubTopic": "210", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1", "Subparagraph": "(SX 210-04(8))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147479170/946-210-S99-1" }, "r931": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "946", "SubTopic": "210", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1", "Subparagraph": "(SX 210-04(9)(b))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147479170/946-210-S99-1" }, "r932": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "946", "SubTopic": "210", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1", "Subparagraph": "(SX 210-04(9)(c))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147479170/946-210-S99-1" }, "r933": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "946", "SubTopic": "210", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1", "Subparagraph": "(SX 210-04(9)(d))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147479170/946-210-S99-1" }, "r934": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "946", "SubTopic": "210", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1", "Subparagraph": "(SX 210-04(9)(e))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147479170/946-210-S99-1" }, "r935": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "946", "SubTopic": "210", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "2", "Subparagraph": "(SX 210-05(2))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147479170/946-210-S99-2" }, "r936": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "946", "SubTopic": "210", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "2", "Subparagraph": "(SX 210-05(4))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147479170/946-210-S99-2" }, "r937": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "946", "SubTopic": "220", "Name": "Accounting Standards Codification", "Section": "45", "Paragraph": "3", "Subparagraph": "(b)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147479105/946-220-45-3" }, "r938": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "946", "SubTopic": "220", "Name": "Accounting Standards Codification", "Section": "45", "Paragraph": "7", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147479105/946-220-45-7" }, "r939": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "946", "SubTopic": "220", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "3", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147478297/946-220-50-3" }, "r940": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "946", "SubTopic": "220", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1", "Subparagraph": "(SX 210-07(1))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147479134/946-220-S99-1" }, "r941": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "946", "SubTopic": "220", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1", "Subparagraph": "(SX 210-07(2)(a))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147479134/946-220-S99-1" }, "r942": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "946", "SubTopic": "220", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1", "Subparagraph": "(SX 210-07(2)(g)(3))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147479134/946-220-S99-1" }, "r943": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "946", "SubTopic": "220", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1", "Subparagraph": "(SX 210-07(7)(a)(1))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147479134/946-220-S99-1" }, "r944": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "946", "SubTopic": "220", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1", "Subparagraph": "(SX 210-07(7)(a)(2))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147479134/946-220-S99-1" }, "r945": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "946", "SubTopic": "220", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1", "Subparagraph": "(SX 210-07(7)(a)(3))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147479134/946-220-S99-1" }, "r946": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "946", "SubTopic": "220", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1", "Subparagraph": "(SX 210-07(7)(a)(5))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147479134/946-220-S99-1" }, "r947": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "946", "SubTopic": "220", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1", "Subparagraph": "(SX 210-07(7)(a)(6))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147479134/946-220-S99-1" }, "r948": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "946", "SubTopic": "220", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1", "Subparagraph": "(SX 210-07(7)(a)(7))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147479134/946-220-S99-1" }, "r949": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "946", "SubTopic": "220", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1", "Subparagraph": "(SX 210-07(7)(c)(1))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147479134/946-220-S99-1" }, "r950": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "946", "SubTopic": "220", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1", "Subparagraph": "(SX 210-07(7)(c)(2))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147479134/946-220-S99-1" }, "r951": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "946", "SubTopic": "220", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1", "Subparagraph": "(SX 210-07(7)(c)(3))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147479134/946-220-S99-1" }, "r952": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "946", "SubTopic": "220", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1", "Subparagraph": "(SX 210-07(7)(c)(5))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147479134/946-220-S99-1" }, "r953": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "946", "SubTopic": "220", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1", "Subparagraph": "(SX 210-07(7)(c)(6))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147479134/946-220-S99-1" }, "r954": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "946", "SubTopic": "220", "Name":

"Accounting Standards Codification", "Section": "S99", "Paragraph": "1", "Subparagraph": "(SX 210.6-07(7)(c)(7))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147479134/946-220-S99-1" }, "r955": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "946", "SubTopic": "220", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1", "Subparagraph": "(SX 210.6-07(7))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147479134/946-220-S99-1" }, "r956": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "946", "SubTopic": "220", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1", "Subparagraph": "(SX 210.6-07(9))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147479134/946-220-S99-1" }, "r957": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "946", "SubTopic": "220", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "3", "Subparagraph": "(SX 210.6-09(1)(d))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147479134/946-220-S99-3" }, "r958": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "946", "SubTopic": "220", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "3", "Subparagraph": "(SX 210.6-09(4)(b))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147479134/946-220-S99-3" }, "r959": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "946", "SubTopic": "220", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "3", "Subparagraph": "(SX 210.6-09(6))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147479134/946-220-S99-3" }, "r960": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "946", "SubTopic": "220", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "3", "Subparagraph": "(SX 210.6-09(7))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147479134/946-220-S99-3" }, "r961": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "946", "SubTopic": "310", "Name": "Accounting Standards Codification", "Section": "45", "Paragraph": "1", "Subparagraph": "(d)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147747802/946-310-45-1" }, "r962": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "946", "SubTopic": "320", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1", "Subparagraph": "(SX 210.12-12(Column A)(Footnote 2))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147477271/946-320-S99-1" }, "r963": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "946", "SubTopic": "320", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1", "Subparagraph": "(SX 210.12-12(Column C)(Footnote 5))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147477271/946-320-S99-1" }, "r964": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "946", "SubTopic": "320", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "2", "Subparagraph": "(SX 210.12-12A(Column A)(Footnote 2))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147477271/946-320-S99-2" }, "r965": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "946", "SubTopic": "320", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "2", "Subparagraph": "(SX 210.12-12A(Column C)(Footnote 4))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147477271/946-320-S99-2" }, "r966": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "946", "SubTopic": "320", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "3", "Subparagraph": "(SX 210.12-12B(Column A)(Footnote 4)(a))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147477271/946-320-S99-3" }, "r967": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "946", "SubTopic": "320", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "3", "Subparagraph": "(SX 210.12-12B(Column A)(Footnote 4)(b))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147477271/946-320-S99-3" }, "r968": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "946", "SubTopic": "320", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "3", "Subparagraph": "(SX 210.12-12B(Column C)(Footnote 2))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147477271/946-320-S99-3" }, "r969": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "946", "SubTopic": "320", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "5", "Subparagraph": "(SX 210.12-13(Column A)(Footnote 3))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147477271/946-320-S99-5" }, "r970": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "946", "SubTopic": "320", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "5", "Subparagraph": "(SX 210.12-13(Column F))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147477271/946-320-S99-5" }, "r971": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "946", "SubTopic": "320", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "5", "Subparagraph": "(SX 210.12-13(Column G)(Footnote 8))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147477271/946-320-S99-5" }, "r972": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "946", "SubTopic": "320", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "5", "Subparagraph": "(SX 210.12-13(Column G))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147477271/946-320-S99-5" }, "r973": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "946", "SubTopic": "320", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "5A", "Subparagraph": "(SX 210.12-13A(Column C))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147477271/946-320-S99-5A" }, "r974": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "946", "SubTopic": "320", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "5A", "Subparagraph": "(SX 210.12-13A(Column E))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147477271/946-320-S99-5A" }, "r975": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "946", "SubTopic": "320", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "5A", "Subparagraph": "(SX 210.12-13A(Column F))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147477271/946-320-S99-5A" }, "r976": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "946", "SubTopic": "320", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "5B", "Subparagraph": "(SX 210.12-13B(Column A))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147477271/946-320-S99-5B" }, "r977": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "946", "SubTopic": "320", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "5B", "Subparagraph": "(SX 210.12-13B(Column B))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147477271/946-320-S99-5B" }, "r978": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "946", "SubTopic": "320", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "5B", "Subparagraph": "(SX 210.12-13B(Column D))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147477271/946-320-S99-5B" }, "r979": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "946", "SubTopic": "320", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "5B", "Subparagraph": "(SX 210.12-13B(Column E)(Footnote 4))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147477271/946-320-S99-5B" }, "r980": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "946", "SubTopic": "320", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "5B", "Subparagraph": "(SX 210.12-13B(Column E))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147477271/946-320-S99-5B" }, "r981": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "946", "SubTopic": "320", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "5C", "Subparagraph": "(SX 210.12-13C(Column D))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147477271/946-320-S99-5C" }, "r982": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "946", "SubTopic": "320", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "5C", "Subparagraph": "(SX 210.12-13C(Column H)(Footnote 7))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147477271/946-320-S99-5C" }, "r983": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "946", "SubTopic": "320", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "5C", "Subparagraph": "(SX 210.12-13C(Column H))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147477271/946-320-S99-5C" }, "r984": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "946", "SubTopic": "320", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "6", "Subparagraph": "(SX 210.12-14(Column A)(Footnote 2))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147477271/946-320-S99-6" }, "r985": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "946", "SubTopic": "320", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "6", "Subparagraph": "(SX 210.12-14(Column F)(Footnote 7))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147477271/946-320-S99-6" }, "r986": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "946", "SubTopic": "505", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147478448/946-505-50-1" }, "r987": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "946", "SubTopic": "505", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "2", "Subparagraph": "(a)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147478448/946-505-50-2" }, "r988": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "946", "SubTopic": "505", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "2", "Subparagraph": "(b)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147478448/946-505-50-2" }, "r989": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "946", "SubTopic": "505", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "2", "Subparagraph": "(c)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147478448/946-505-50-2" }, "r990": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "946", "SubTopic": "505", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "2", "Subparagraph": "(d)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147478448/946-505-50-2" }, "r991": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "946", "SubTopic": "505", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "3", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147478448/946-505-50-3" }, "r992": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "948", "SubTopic": "310", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1", "Subparagraph": "(SX 210.12-29(Column A)(Footnote 4))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147479628/948-310-S99-1" }, "r993": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "954", "SubTopic": "440", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1", "Subparagraph": "(a)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147478522/954-440-50-1" }, "r994": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "970", "SubTopic": "360", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1", "Subparagraph": "(SX 210.12-28(Column A)(Footnote 2))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147478979/970-360-S99-1" }, "r995": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "970", "SubTopic": "360", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1", "Subparagraph": "(SX 210.12-28(Column B))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147478979/970-360-S99-1" }, "r996": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "970", "SubTopic": "360", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1", "Subparagraph": "(SX 210.12-28(Column C))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147478979/970-360-S99-1" }, "r997": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "970", "SubTopic": "360", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1", "Subparagraph": "(SX 210.12-28(Column D))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147478979/970-360-S99-1" }, "r998": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "970", "SubTopic": "360", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1", "Subparagraph": "(SX 210.12-28(Column E)(Footnote 4))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147478979/970-360-S99-1" }, "r999": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "970", "SubTopic": "360", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1", "Subparagraph": "(SX 210.12-28(Column E))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147478979/970-360-S99-1" }, "r1000": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "970", "SubTopic": "360", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1", "Subparagraph": "(SX 210.12-28(Column F))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147478979/970-360-S99-1" }, "r1001": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "970", "SubTopic": "360", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1", "Subparagraph": "(SX 210.12-28(Column G))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147478979/970-360-S99-1" }, "r1002": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "970", "SubTopic": "360", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1", "Subparagraph": "(SX 210.12-28(Column H))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147478979/970-360-S99-1" }, "r1003": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "970", "SubTopic": "360", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1", "Subparagraph": "(SX 210.12-28(Column I))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147478979/970-360-S99-1" }, "r1004": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "976", "SubTopic": "310", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1", "Subparagraph": "(c)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147477332/976-310-50-1" }, "r1005": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "978", "SubTopic": "310", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1", "Subparagraph": "(b)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147479230/978-310-50-1" }, "r1006": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "985", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "2", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481283/985-20-50-2" }, "r1007": { "role": "http://www.xbrl.org/2003/role/exampleRef", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "4D", "Subparagraph": "(a)(1)", "SubTopic": "10", "Topic": "815", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480434/815-10-50-4D" }, "r1008": { "role": "http://www.xbrl.org/2003/role/exampleRef", "Name": "Accounting Standards Codification", "Section": "55", "Paragraph": "13H", "Subparagraph": "(a)", "SubTopic": "40", "Topic": "944", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480046/944-40-55-13H" }, "r1009": { "role": "http://www.xbrl.org/2003/role/exampleRef", "Name": "Accounting Standards Codification", "Section": "55", "Paragraph": "13H", "Subparagraph": "(b)", "SubTopic": "40", "Topic": "944", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480046/944-40-55-13H" }, "r1010": { "role": "http://www.xbrl.org/2003/role/exampleRef", "Topic": "210", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "45", "Paragraph": "1", "Subparagraph": "(a)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147483467/210-10-45-1" }, "r1011": { "role": "http://www.xbrl.org/2003/role/exampleRef", "Topic": "210", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "45", "Paragraph": "1", "Subparagraph": "(b)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147483467/210-10-45-1" }, "r1012": { "role": "http://www.xbrl.org/2003/role/exampleRef", "Topic": "210", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1", "Subparagraph": "(SX 210.5-02(6)(a)(1))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480566/210-10-S99-1" }, "r1013": { "role": "http://www.xbrl.org/2003/role/exampleRef", "Topic": "210", "SubTopic": "10", "Name":

*Accounting Standards Codification", "Section": "S99", "Paragraph": "1", "Subparagraph": "(SX 210.5-02(6)(a)(3))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480566/210-10-S99-1" }, "r1014": { "role": "http://www.xbrl.org/2003/role/exampleRef", "Topic": "210", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1", "Subparagraph": "(SX 210.5-02(6)(a)(4))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480566/210-10-S99-1" }, "r1015": { "role": "http://www.xbrl.org/2003/role/exampleRef", "Topic": "210", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1", "Subparagraph": "(SX 210.5-02(6)(a)(5))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480566/210-10-S99-1" }, "r1016": { "role": "http://www.xbrl.org/2003/role/exampleRef", "Topic": "210", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "55", "Paragraph": "22", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147483444/210-20-55-22" }, "r1017": { "role": "http://www.xbrl.org/2003/role/exampleRef", "Topic": "235", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "4", "Subparagraph": "(a)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147483426/235-10-50-4" }, "r1018": { "role": "http://www.xbrl.org/2003/role/exampleRef", "Topic": "260", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "55", "Paragraph": "52", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482635/260-10-55-52" }, "r1019": { "role": "http://www.xbrl.org/2003/role/exampleRef", "Topic": "280", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "30", "Subparagraph": "(d)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482810/280-10-50-30" }, "r1020": { "role": "http://www.xbrl.org/2003/role/exampleRef", "Topic": "280", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "31", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482810/280-10-50-31" }, "r1021": { "role": "http://www.xbrl.org/2003/role/exampleRef", "Topic": "280", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "55", "Paragraph": "47", "Subparagraph": "(a)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482785/280-10-55-47" }, "r1022": { "role": "http://www.xbrl.org/2003/role/exampleRef", "Topic": "280", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "55", "Paragraph": "47", "Subparagraph": "(bb)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482785/280-10-55-47" }, "r1023": { "role": "http://www.xbrl.org/2003/role/exampleRef", "Topic": "280", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "55", "Paragraph": "47", "Subparagraph": "(c)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482785/280-10-55-47" }, "r1024": { "role": "http://www.xbrl.org/2003/role/exampleRef", "Topic": "280", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "55", "Paragraph": "47", "Subparagraph": "(d)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482785/280-10-55-47" }, "r1025": { "role": "http://www.xbrl.org/2003/role/exampleRef", "Topic": "280", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "55", "Paragraph": "48", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482785/280-10-55-48" }, "r1026": { "role": "http://www.xbrl.org/2003/role/exampleRef", "Topic": "280", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "55", "Paragraph": "49", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482785/280-10-55-49" }, "r1027": { "role": "http://www.xbrl.org/2003/role/exampleRef", "Topic": "280", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "55", "Paragraph": "54", "Subparagraph": "(a)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482785/280-10-55-54" }, "r1028": { "role": "http://www.xbrl.org/2003/role/exampleRef", "Topic": "280", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "55", "Paragraph": "54", "Subparagraph": "(d)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482785/280-10-55-54" }, "r1029": { "role": "http://www.xbrl.org/2003/role/exampleRef", "Topic": "280", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "55", "Paragraph": "54", "Subparagraph": "(e)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482785/280-10-55-54" }, "r1030": { "role": "http://www.xbrl.org/2003/role/exampleRef", "Topic": "310", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "55", "Paragraph": "12A", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481933/310-10-55-12A" }, "r1031": { "role": "http://www.xbrl.org/2003/role/exampleRef", "Topic": "326", "SubTopic": "30", "Name": "Accounting Standards Codification", "Section": "55", "Paragraph": "8", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147479081/326-30-55-8" }, "r1032": { "role": "http://www.xbrl.org/2003/role/exampleRef", "Topic": "350", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "55", "Paragraph": "24", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482548/350-20-55-24" }, "r1033": { "role": "http://www.xbrl.org/2003/role/exampleRef", "Topic": "410", "SubTopic": "30", "Name": "Accounting Standards Codification", "Section": "55", "Paragraph": "11", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481899/410-30-55-11" }, "r1034": { "role": "http://www.xbrl.org/2003/role/exampleRef", "Topic": "410", "SubTopic": "30", "Name": "Accounting Standards Codification", "Section": "55", "Paragraph": "16", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481899/410-30-55-16" }, "r1035": { "role": "http://www.xbrl.org/2003/role/exampleRef", "Topic": "420", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1", "Subparagraph": "(b)(1)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482017/420-10-50-1" }, "r1036": { "role": "http://www.xbrl.org/2003/role/exampleRef", "Topic": "420", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1", "Subparagraph": "(b)(2)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482017/420-10-50-1" }, "r1037": { "role": "http://www.xbrl.org/2003/role/exampleRef", "Topic": "420", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "2", "Subparagraph": "(SAB Topic 5.P.4.b.1)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147479823/420-10-S99-2" }, "r1038": { "role": "http://www.xbrl.org/2003/role/exampleRef", "Topic": "420", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "2", "Subparagraph": "(SAB Topic 5.P.4.b.2)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147479823/420-10-S99-2" }, "r1039": { "role": "http://www.xbrl.org/2003/role/exampleRef", "Topic": "460", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "55", "Paragraph": "27", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482395/460-10-55-27" }, "r1040": { "role": "http://www.xbrl.org/2003/role/exampleRef", "Topic": "470", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1B", "Subparagraph": "(d)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481139/470-20-50-1B" }, "r1041": { "role": "http://www.xbrl.org/2003/role/exampleRef", "Topic": "470", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "55", "Paragraph": "69B", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481568/470-20-55-69B" }, "r1042": { "role": "http://www.xbrl.org/2003/role/exampleRef", "Topic": "470", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "55", "Paragraph": "69C", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481568/470-20-55-69C" }, "r1043": { "role": "http://www.xbrl.org/2003/role/exampleRef", "Topic": "470", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "55", "Paragraph": "69E", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481568/470-20-55-69E" }, "r1044": { "role": "http://www.xbrl.org/2003/role/exampleRef", "Topic": "470", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "55", "Paragraph": "69F", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481568/470-20-55-69F" }, "r1045": { "role": "http://www.xbrl.org/2003/role/exampleRef", "Topic": "505", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "13", "Subparagraph": "(d)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481112/505-10-50-13" }, "r1046": { "role": "http://www.xbrl.org/2003/role/exampleRef", "Topic": "606", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "55", "Paragraph": "91", "Subparagraph": "(a)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147479777/606-10-55-91" }, "r1047": { "role": "http://www.xbrl.org/2003/role/exampleRef", "Topic": "606", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "55", "Paragraph": "91", "Subparagraph": "(b)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147479777/606-10-55-91" }, "r1048": { "role": "http://www.xbrl.org/2003/role/exampleRef", "Topic": "606", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "55", "Paragraph": "91", "Subparagraph": "(c)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147479777/606-10-55-91" }, "r1049": { "role": "http://www.xbrl.org/2003/role/exampleRef", "Topic": "606", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "55", "Paragraph": "91", "Subparagraph": "(d)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147479777/606-10-55-91" }, "r1050": { "role": "http://www.xbrl.org/2003/role/exampleRef", "Topic": "606", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "55", "Paragraph": "91", "Subparagraph": "(e)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147479777/606-10-55-91" }, "r1051": { "role": "http://www.xbrl.org/2003/role/exampleRef", "Topic": "606", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "55", "Paragraph": "91", "Subparagraph": "(f)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147479777/606-10-55-91" }, "r1052": { "role": "http://www.xbrl.org/2003/role/exampleRef", "Topic": "606", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "55", "Paragraph": "91", "Subparagraph": "(g)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147479777/606-10-55-91" }, "r1053": { "role": "http://www.xbrl.org/2003/role/exampleRef", "Topic": "715", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1", "Subparagraph": "(d)(ii)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480506/715-20-50-1" }, "r1054": { "role": "http://www.xbrl.org/2003/role/exampleRef", "Topic": "715", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1", "Subparagraph": "(d)(iv)(01)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480506/715-20-50-1" }, "r1055": { "role": "http://www.xbrl.org/2003/role/exampleRef", "Topic": "715", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "55", "Paragraph": "17", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480482/715-20-55-17" }, "r1056": { "role": "http://www.xbrl.org/2003/role/exampleRef", "Topic": "715", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "55", "Paragraph": "18", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480482/715-20-55-18" }, "r1057": { "role": "http://www.xbrl.org/2003/role/exampleRef", "Topic": "715", "SubTopic": "80", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "11", "Subparagraph": "(a)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480576/715-80-50-11" }, "r1058": { "role": "http://www.xbrl.org/2003/role/exampleRef", "Topic": "715", "SubTopic": "80", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "11", "Subparagraph": "(b)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480576/715-80-50-11" }, "r1059": { "role": "http://www.xbrl.org/2003/role/exampleRef", "Topic": "715", "SubTopic": "80", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "11", "Subparagraph": "(c)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480576/715-80-50-11" }, "r1060": { "role": "http://www.xbrl.org/2003/role/exampleRef", "Topic": "715", "SubTopic": "80", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "6", "Subparagraph": "(a)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480576/715-80-50-6" }, "r1061": { "role": "http://www.xbrl.org/2003/role/exampleRef", "Topic": "715", "SubTopic": "80", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "6", "Subparagraph": "(b)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480576/715-80-50-6" }, "r1062": { "role": "http://www.xbrl.org/2003/role/exampleRef", "Topic": "715", "SubTopic": "80", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "6", "Subparagraph": "(c)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480576/715-80-50-6" }, "r1063": { "role": "http://www.xbrl.org/2003/role/exampleRef", "Topic": "715", "SubTopic": "80", "Name": "Accounting Standards Codification", "Section": "55", "Paragraph": "8", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480547/715-80-55-8" }, "r1064": { "role": "http://www.xbrl.org/2003/role/exampleRef", "Topic": "740", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "55", "Paragraph": "231", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482663/740-10-55-231" }, "r1065": { "role": "http://www.xbrl.org/2003/role/exampleRef", "Topic": "810", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "55", "Paragraph": "4J", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481175/810-10-55-4J" }, "r1066": { "role": "http://www.xbrl.org/2003/role/exampleRef", "Topic": "810", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "55", "Paragraph": "4K", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481175/810-10-55-4K" }, "r1067": { "role": "http://www.xbrl.org/2003/role/exampleRef", "Topic": "815", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "4D", "Subparagraph": "(a)(2)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480434/815-10-50-4D" }, "r1068": { "role": "http://www.xbrl.org/2003/role/exampleRef", "Topic": "815", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "4D", "Subparagraph": "(a)(4)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480434/815-10-50-4D" }, "r1069": { "role": "http://www.xbrl.org/2003/role/exampleRef", "Topic": "820", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "55", "Paragraph": "100", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482078/820-10-55-100" }, "r1070": { "role": "http://www.xbrl.org/2003/role/exampleRef", "Topic": "820", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "55", "Paragraph": "100", "Subparagraph": "(d)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482078/820-10-55-100" }, "r1071": { "role": "http://www.xbrl.org/2003/role/exampleRef", "Topic": "820", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "55", "Paragraph": "101", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482078/820-10-55-101" }, "r1072": { "role": "http://www.xbrl.org/2003/role/exampleRef", "Topic": "820", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "55", "Paragraph": "102", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482078/820-10-55-102" }, "r1073": { "role": "http://www.xbrl.org/2003/role/exampleRef", "Topic": "820", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "55", "Paragraph": "103", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482078/820-10-55-103" }, "r1074": { "role": "http://www.xbrl.org/2003/role/exampleRef", "Topic": "820", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "55", "Paragraph": "107", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482078/820-10-55-107" }, "r1075": { "role": "http://www.xbrl.org/2003/role/exampleRef", "Topic": "820", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "55", "Paragraph": "107", "Subparagraph": "(a)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482078/820-10-55-107" }, "r1076": { "role": "http://www.xbrl.org/2003/role/exampleRef", "Topic": "820", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "55", "Paragraph": "107", "Subparagraph": "(b)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482078/820-10-55-107" }, "r1077": { "role": "http://www.xbrl.org/2003/role/exampleRef", "Topic": "820", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "55", "Paragraph": "107", "Subparagraph": "(c)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482078/820-10-55-107" }, "r1078": { "role": "http://www.xbrl.org/2003/role/exampleRef", "Topic": "820", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "55", "Paragraph": "107", "Subparagraph": "(d)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482078/820-10-55-107" }, "r1079": { "role":

*"http://www.xbrl.org/2003/role/exampleRef", "Topic": "820", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "55", "Paragraph": "107", "Subparagraph": "(e)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482078/820-10-55-107" }, "r1080": { "role": "http://www.xbrl.org/2003/role/exampleRef", "Topic": "835", "SubTopic": "30", "Name": "Accounting Standards Codification", "Section": "55", "Paragraph": "8", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482949/835-30-55-8" }, "r1081": { "role": "http://www.xbrl.org/2003/role/exampleRef", "Topic": "852", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "55", "Paragraph": "10", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481372/852-10-55-10" }, "r1082": { "role": "http://www.xbrl.org/2003/role/exampleRef", "Topic": "860", "SubTopic": "30", "Name": "Accounting Standards Codification", "Section": "55", "Paragraph": "4", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481395/860-30-55-4" }, "r1083": { "role": "http://www.xbrl.org/2003/role/exampleRef", "Topic": "932", "SubTopic": "235", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "12", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147477215/932-235-50-12" }, "r1084": { "role": "http://www.xbrl.org/2003/role/exampleRef", "Topic": "932", "SubTopic": "235", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "17", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147477215/932-235-50-17" }, "r1085": { "role": "http://www.xbrl.org/2003/role/exampleRef", "Topic": "932", "SubTopic": "235", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "21", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147477215/932-235-50-21" }, "r1086": { "role": "http://www.xbrl.org/2003/role/exampleRef", "Topic": "932", "SubTopic": "235", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "29", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147477215/932-235-50-29" }, "r1087": { "role": "http://www.xbrl.org/2003/role/exampleRef", "Topic": "932", "SubTopic": "235", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "3", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147477215/932-235-50-3" }, "r1088": { "role": "http://www.xbrl.org/2003/role/exampleRef", "Topic": "932", "SubTopic": "235", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "34", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147477215/932-235-50-34" }, "r1089": { "role": "http://www.xbrl.org/2003/role/exampleRef", "Topic": "932", "SubTopic": "235", "Name": "Accounting Standards Codification", "Section": "55", "Paragraph": "2", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147477916/932-235-55-2" }, "r1090": { "role": "http://www.xbrl.org/2003/role/exampleRef", "Topic": "932", "SubTopic": "235", "Name": "Accounting Standards Codification", "Section": "55", "Paragraph": "3", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147477916/932-235-55-3" }, "r1091": { "role": "http://www.xbrl.org/2003/role/exampleRef", "Topic": "932", "SubTopic": "235", "Name": "Accounting Standards Codification", "Section": "55", "Paragraph": "4", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147477916/932-235-55-4" }, "r1092": { "role": "http://www.xbrl.org/2003/role/exampleRef", "Topic": "932", "SubTopic": "235", "Name": "Accounting Standards Codification", "Section": "55", "Paragraph": "5", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147477916/932-235-55-5" }, "r1093": { "role": "http://www.xbrl.org/2003/role/exampleRef", "Topic": "932", "SubTopic": "235", "Name": "Accounting Standards Codification", "Section": "55", "Paragraph": "6", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147477916/932-235-55-6" }, "r1094": { "role": "http://www.xbrl.org/2003/role/exampleRef", "Topic": "932", "SubTopic": "235", "Name": "Accounting Standards Codification", "Section": "55", "Paragraph": "7", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147477916/932-235-55-7" }, "r1095": { "role": "http://www.xbrl.org/2003/role/exampleRef", "Topic": "944", "SubTopic": "30", "Name": "Accounting Standards Codification", "Section": "55", "Paragraph": "2", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147479401/944-30-55-2" }, "r1096": { "role": "http://www.xbrl.org/2003/role/exampleRef", "Topic": "944", "SubTopic": "40", "Name": "Accounting Standards Codification", "Section": "55", "Paragraph": "29F", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480046/944-40-55-29F" }, "r1097": { "role": "http://www.xbrl.org/2003/role/exampleRef", "Topic": "944", "SubTopic": "40", "Name": "Accounting Standards Codification", "Section": "55", "Paragraph": "9C", "Subparagraph": "(a)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480046/944-40-55-9C" }, "r1098": { "role": "http://www.xbrl.org/2003/role/exampleRef", "Topic": "944", "SubTopic": "40", "Name": "Accounting Standards Codification", "Section": "55", "Paragraph": "9C", "Subparagraph": "(b)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480046/944-40-55-9C" }, "r1099": { "role": "http://www.xbrl.org/2003/role/exampleRef", "Topic": "944", "SubTopic": "40", "Name": "Accounting Standards Codification", "Section": "55", "Paragraph": "9C", "Subparagraph": "(c)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480046/944-40-55-9C" }, "r1100": { "role": "http://www.xbrl.org/2003/role/exampleRef", "Topic": "944", "SubTopic": "40", "Name": "Accounting Standards Codification", "Section": "55", "Paragraph": "9E", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480046/944-40-55-9E" }, "r1101": { "role": "http://www.xbrl.org/2003/role/exampleRef", "Topic": "944", "SubTopic": "80", "Name": "Accounting Standards Codification", "Section": "55", "Paragraph": "18", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480078/944-80-55-18" }, "r1102": { "role": "http://www.xbrl.org/2003/role/exampleRef", "Topic": "946", "SubTopic": "210", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1", "Subparagraph": "(b)(1)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147478795/946-210-50-1" }, "r1103": { "role": "http://www.xbrl.org/2003/role/exampleRef", "Topic": "946", "SubTopic": "210", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "6", "Subparagraph": "(a)(1)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147478795/946-210-50-6" }, "r1104": { "role": "http://www.xbrl.org/2003/role/exampleRef", "Topic": "946", "SubTopic": "210", "Name": "Accounting Standards Codification", "Section": "55", "Paragraph": "1", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147477439/946-210-55-1" }, "r1105": { "role": "http://www.xbrl.org/2003/role/exampleRef", "Topic": "946", "SubTopic": "310", "Name": "Accounting Standards Codification", "Section": "45", "Paragraph": "1", "Subparagraph": "(d)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147477802/946-310-45-1" }, "r1106": { "role": "http://www.xbrl.org/2003/role/exampleRef", "Topic": "946", "SubTopic": "320", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1", "Subparagraph": "(SX 210.12-12(Column A)(Footnote 2)(i))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147477271/946-320-S99-1" }, "r1107": { "role": "http://www.xbrl.org/2003/role/exampleRef", "Topic": "946", "SubTopic": "320", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "2", "Subparagraph": "(SX 210.12-12A(Column A)(Footnote 2))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147477271/946-320-S99-2" }, "r1108": { "role": "http://www.xbrl.org/2003/role/exampleRef", "Topic": "946", "SubTopic": "320", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "3", "Subparagraph": "(SX 210.12-12B(Column A)(Footnote 1)(a))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147477271/946-320-S99-3" }, "r1109": { "role": "http://www.xbrl.org/2003/role/exampleRef", "Topic": "946", "SubTopic": "320", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "6", "Subparagraph": "(SX 210.12-14(Column A)(Footnote 2))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147477271/946-320-S99-6" }, "r1110": { "role": "http://www.xbrl.org/2003/role/exampleRef", "Topic": "946", "SubTopic": "830", "Name": "Accounting Standards Codification", "Section": "55", "Paragraph": "10", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147479168/946-830-55-10" }, "r1111": { "role": "http://www.xbrl.org/2003/role/exampleRef", "Topic": "946", "SubTopic": "830", "Name": "Accounting Standards Codification", "Section": "55", "Paragraph": "11", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147479168/946-830-55-11" }, "r1112": { "role": "http://www.xbrl.org/2003/role/exampleRef", "Topic": "946", "SubTopic": "830", "Name": "Accounting Standards Codification", "Section": "55", "Paragraph": "12", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147479168/946-830-55-12" }, "r1113": { "role": "http://www.xbrl.org/2003/role/presentationRef", "Publisher": "SEC", "Name": "Exchange Act", "Number": "240", "Section": "12", "Subsection": "b" }, "r1114": { "role": "http://www.xbrl.org/2003/role/presentationRef", "Publisher": "SEC", "Name": "Exchange Act", "Number": "240", "Section": "12", "Subsection": "b-2" }, "r1115": { "role": "http://www.xbrl.org/2003/role/presentationRef", "Publisher": "SEC", "Name": "Exchange Act", "Number": "240", "Section": "12", "Subsection": "d1-1" }, "r1116": { "role": "http://www.xbrl.org/2003/role/presentationRef", "Publisher": "SEC", "Name": "Form 10-Q", "Number": "240", "Section": "308", "Subsection": "a" }, "r1117": { "role": "http://www.xbrl.org/2003/role/presentationRef", "Publisher": "SEC", "Name": "Form 20-F", "Section": "16", "Subsection": "I", "Paragraph": "a" }, "r1118": { "role": "http://www.xbrl.org/2003/role/presentationRef", "Publisher": "SEC", "Name": "Form 20-F", "Section": "6", "Subsection": "F", "Paragraph": "1" }, "r1119": { "role": "http://www.xbrl.org/2003/role/presentationRef", "Publisher": "SEC", "Name": "Form 20-F", "Section": "6", "Subsection": "F", "Paragraph": "1", "Subparagraph": "i" }, "r1120": { "role": "http://www.xbrl.org/2003/role/presentationRef", "Publisher": "SEC", "Name": "Form 20-F", "Section": "6", "Subsection": "F", "Paragraph": "1", "Subparagraph": "i", "Sentence": "A" }, "r1121": { "role": "http://www.xbrl.org/2003/role/presentationRef", "Publisher": "SEC", "Name": "Form 20-F", "Section": "6", "Subsection": "F", "Paragraph": "1", "Subparagraph": "i", "Sentence": "B" }, "r1122": { "role": "http://www.xbrl.org/2003/role/presentationRef", "Publisher": "SEC", "Name": "Form 20-F", "Section": "6", "Subsection": "F", "Paragraph": "1", "Subparagraph": "i", "Sentence": "C" }, "r1123": { "role": "http://www.xbrl.org/2003/role/presentationRef", "Publisher": "SEC", "Name": "Form 20-F", "Section": "6", "Subsection": "F", "Paragraph": "1", "Subparagraph": "i", "Sentence": "D" }, "r1124": { "role": "http://www.xbrl.org/2003/role/presentationRef", "Publisher": "SEC", "Name": "Form 20-F", "Section": "6", "Subsection": "F", "Paragraph": "1", "Subparagraph": "i", "Sentence": "E" }, "r1125": { "role": "http://www.xbrl.org/2003/role/presentationRef", "Publisher": "SEC", "Name": "Form 20-F", "Section": "6", "Subsection": "F", "Paragraph": "1", "Subparagraph": "ii" }, "r1126": { "role": "http://www.xbrl.org/2003/role/presentationRef", "Publisher": "SEC", "Name": "Form 20-F", "Section": "6", "Subsection": "F", "Paragraph": "1", "Subparagraph": "iii" }, "r1127": { "role": "http://www.xbrl.org/2003/role/presentationRef", "Publisher": "SEC", "Name": "Form 20-F", "Section": "6", "Subsection": "F", "Paragraph": "2" }, "r1128": { "role": "http://www.xbrl.org/2003/role/presentationRef", "Publisher": "SEC", "Name": "Form 40-F", "Section": "19", "Paragraph": "a" }, "r1129": { "role": "http://www.xbrl.org/2003/role/presentationRef", "Publisher": "SEC", "Name": "Form 40-F", "Section": "19", "Paragraph": "a", "Subparagraph": "1" }, "r1130": { "role": "http://www.xbrl.org/2003/role/presentationRef", "Publisher": "SEC", "Name": "Form 40-F", "Section": "19", "Paragraph": "a", "Subparagraph": "1", "Sentence": "i" }, "r1131": { "role": "http://www.xbrl.org/2003/role/presentationRef", "Publisher": "SEC", "Name": "Form 40-F", "Section": "19", "Paragraph": "a", "Subparagraph": "1", "Sentence": "ii" }, "r1132": { "role": "http://www.xbrl.org/2003/role/presentationRef", "Publisher": "SEC", "Name": "Form 40-F", "Section": "19", "Paragraph": "a", "Subparagraph": "1", "Sentence": "iii" }, "r1133": { "role": "http://www.xbrl.org/2003/role/presentationRef", "Publisher": "SEC", "Name": "Form 40-F", "Section": "19", "Paragraph": "a", "Subparagraph": "1", "Sentence": "iv" }, "r1134": { "role": "http://www.xbrl.org/2003/role/presentationRef", "Publisher": "SEC", "Name": "Form 40-F", "Section": "19", "Paragraph": "a", "Subparagraph": "1", "Sentence": "v" }, "r1135": { "role": "http://www.xbrl.org/2003/role/presentationRef", "Publisher": "SEC", "Name": "Form 40-F", "Section": "19", "Paragraph": "a", "Subparagraph": "2" }, "r1136": { "role": "http://www.xbrl.org/2003/role/presentationRef", "Publisher": "SEC", "Name": "Form 40-F", "Section": "19", "Paragraph": "a", "Subparagraph": "3" }, "r1137": { "role": "http://www.xbrl.org/2003/role/presentationRef", "Publisher": "SEC", "Name": "Form 40-F", "Section": "19", "Paragraph": "b" }, "r1138": { "role": "http://www.xbrl.org/2003/role/presentationRef", "Publisher": "SEC", "Name": "Form N-CSR", "Section": "18", "Paragraph": "a" }, "r1139": { "role": "http://www.xbrl.org/2003/role/presentationRef", "Publisher": "SEC", "Name": "Form N-CSR", "Section": "18", "Paragraph": "a", "Subparagraph": "1" }, "r1140": { "role": "http://www.xbrl.org/2003/role/presentationRef", "Publisher": "SEC", "Name": "Form N-CSR", "Section": "18", "Paragraph": "a", "Subparagraph": "1", "Sentence": "i" }, "r1141": { "role": "http://www.xbrl.org/2003/role/presentationRef", "Publisher": "SEC", "Name": "Form N-CSR", "Section": "18", "Paragraph": "a", "Subparagraph": "1", "Sentence": "ii" }, "r1142": { "role": "http://www.xbrl.org/2003/role/presentationRef", "Publisher": "SEC", "Name": "Form N-CSR", "Section": "18", "Paragraph": "a", "Subparagraph": "1", "Sentence": "iii" }, "r1143": { "role": "http://www.xbrl.org/2003/role/presentationRef", "Publisher": "SEC", "Name": "Form N-CSR", "Section": "18", "Paragraph": "a", "Subparagraph": "1", "Sentence": "iv" }, "r1144": { "role": "http://www.xbrl.org/2003/role/presentationRef", "Publisher": "SEC", "Name": "Form N-CSR", "Section": "18", "Paragraph": "a", "Subparagraph": "1", "Sentence": "v" }, "r1145": { "role": "http://www.xbrl.org/2003/role/presentationRef", "Publisher": "SEC", "Name": "Form N-CSR", "Section": "18", "Paragraph": "a", "Subparagraph": "2" }, "r1146": { "role": "http://www.xbrl.org/2003/role/presentationRef", "Publisher": "SEC", "Name": "Form N-CSR", "Section": "18", "Paragraph": "a", "Subparagraph": "3" }, "r1147": { "role": "http://www.xbrl.org/2003/role/presentationRef", "Publisher": "SEC", "Name": "Form N-CSR", "Section": "18", "Paragraph": "b" }, "r1148": { "role": "http://www.xbrl.org/2003/role/presentationRef", "Publisher": "SEC", "Name": "Forms 10-K, 10-Q, 20-F", "Number": "240", "Section": "13", "Subsection": "a-1" }, "r1149": { "role": "http://www.xbrl.org/2003/role/presentationRef", "Publisher": "SEC", "Name": "Regulation S-K", "Number": "229", "Section": "402", "Subsection": "v" }, "r1150": { "role": "http://www.xbrl.org/2003/role/presentationRef", "Publisher": "SEC", "Name": "Regulation S-K", "Number": "229", "Section": "402", "Subsection": "v", "Paragraph": "1" }, "r1151": { "role": "http://www.xbrl.org/2003/role/presentationRef", "Publisher": "SEC", "Name": "Regulation S-K", "Number": "229", "Section": "402", "Subsection": "v", "Paragraph": "2", "Subparagraph": "ii" }, "r1152": { "role": "http://www.xbrl.org/2003/role/presentationRef", "Publisher": "SEC", "Name": "Regulation S-K", "Number": "229", "Section": "402", "Subsection": "v", "Paragraph": "2", "Subparagraph": "iii" }, "r1153": { "role": "http://www.xbrl.org/2003/role/presentationRef", "Publisher": "SEC", "Name": "Regulation S-K", "Number": "229", "Section": "402", "Subsection": "v", "Paragraph": "2", "Subparagraph": "iii", "Sentence": "B", "Clause": "1", "Subclause": "ii" }, "r1154": { "role": "http://www.xbrl.org/2003/role/presentationRef", "Publisher": "SEC", "Name": "Regulation S-K", "Number": "229", "Section": "402", "Subsection": "v", "Paragraph": "2", "Subparagraph": "iii", "Sentence": "C", "Clause": "1", "Subclause": "i" }, "r1155": { "role": "http://www.xbrl.org/2003/role/presentationRef", "Publisher": "SEC", "Name": "Regulation S-K", "Number": "229", "Section": "402", "Subsection": "v", "Paragraph": "2", "Subparagraph": "iii", "Sentence": "C", "Clause": "1", "Subclause": "ii" }, "r1156": { "role": "http://www.xbrl.org/2003/role/presentationRef", "Publisher": "SEC", "Name": "Regulation S-K", "Number": "229", "Section": "402", "Subsection": "v", "Paragraph": "2", "Subparagraph": "iii", "Sentence": "C", "Clause": "1", "Subclause": "iii" }, "r1157": { "role": "http://www.xbrl.org/2003/role/presentationRef", "Publisher": "SEC", "Name": "Regulation S-K", "Number": "229", "Section": "402", "Subsection": "v", "Paragraph": "2", "Subparagraph": "iii", "Sentence": "C", "Clause": "1", "Subclause": "iv" }, "r1158": { "role": "http://www.xbrl.org/2003/role/presentationRef", "Publisher": "SEC", "Name": "Regulation S-K", "Number": "229", "Section": "402", "Subsection": "v", "Paragraph": "2", "Subparagraph": "iii", "Sentence": "C", "Clause": "1", "Subclause": "v" }, "r1159": { "role": "http://www.xbrl.org/2003/role/presentationRef", "Publisher": "SEC", "Name": "Regulation S-K", "Number": "229", "Section": "402", "Subsection": "v", "Paragraph": "2", "Subparagraph": "iii", "Sentence": "C", "Clause": "1", "Subclause": "vi" }, "r1160": { "role": "http://www.xbrl.org/2003/role/presentationRef", "Publisher": "SEC", "Name": "Regulation S-K", "Number": "229", "Section": "402", "Subsection": "v", "Paragraph": "2", "Subparagraph": "iv" }, "r1161": { "role": "http://www.xbrl.org/2003/role/presentationRef", "Publisher": "SEC", "Name": "Regulation S-K", "Number": "229", "Section": "402", "Subsection": "v", "Paragraph": "2",

"Subparagraph": "vi" }, "r1162": { "role": "http://www.xbrl.org/2003/role/presentationRef", "Publisher": "SEC", "Name": "Regulation S-K", "Number": "229", "Section": "402", "Subsection": "v", "Paragraph": "3" }, "r1163": { "role": "http://www.xbrl.org/2003/role/presentationRef", "Publisher": "SEC", "Name": "Regulation S-K", "Number": "229", "Section": "402", "Subsection": "v", "Paragraph": "4" }, "r1164": { "role": "http://www.xbrl.org/2003/role/presentationRef", "Publisher": "SEC", "Name": "Regulation S-K", "Number": "229", "Section": "402", "Subsection": "v", "Paragraph": "5", "Subparagraph": "i" }, "r1165": { "role": "http://www.xbrl.org/2003/role/presentationRef", "Publisher": "SEC", "Name": "Regulation S-K", "Number": "229", "Section": "402", "Subsection": "v", "Paragraph": "5", "Subparagraph": "ii" }, "r1166": { "role": "http://www.xbrl.org/2003/role/presentationRef", "Publisher": "SEC", "Name": "Regulation S-K", "Number": "229", "Section": "402", "Subsection": "v", "Paragraph": "5", "Subparagraph": "iii" }, "r1167": { "role": "http://www.xbrl.org/2003/role/presentationRef", "Publisher": "SEC", "Name": "Regulation S-K", "Number": "229", "Section": "402", "Subsection": "v", "Paragraph": "5", "Subparagraph": "iv" }, "r1168": { "role": "http://www.xbrl.org/2003/role/presentationRef", "Publisher": "SEC", "Name": "Regulation S-K", "Number": "229", "Section": "402", "Subsection": "v", "Paragraph": "6" }, "r1169": { "role": "http://www.xbrl.org/2003/role/presentationRef", "Publisher": "SEC", "Name": "Regulation S-K", "Number": "229", "Section": "402", "Subsection": "v", "Paragraph": "6", "Subparagraph": "i" }, "r1170": { "role": "http://www.xbrl.org/2003/role/presentationRef", "Publisher": "SEC", "Name": "Regulation S-K", "Number": "229", "Section": "402", "Subsection": "w", "Paragraph": "1" }, "r1171": { "role": "http://www.xbrl.org/2003/role/presentationRef", "Publisher": "SEC", "Name": "Regulation S-K", "Number": "229", "Section": "402", "Subsection": "w", "Paragraph": "1", "Subparagraph": "i" }, "r1172": { "role": "http://www.xbrl.org/2003/role/presentationRef", "Publisher": "SEC", "Name": "Regulation S-K", "Number": "229", "Section": "402", "Subsection": "w", "Paragraph": "1", "Subparagraph": "i", "Sentence": "A" }, "r1173": { "role": "http://www.xbrl.org/2003/role/presentationRef", "Publisher": "SEC", "Name": "Regulation S-K", "Number": "229", "Section": "402", "Subsection": "w", "Paragraph": "1", "Subparagraph": "i", "Sentence": "B" }, "r1174": { "role": "http://www.xbrl.org/2003/role/presentationRef", "Publisher": "SEC", "Name": "Regulation S-K", "Number": "229", "Section": "402", "Subsection": "w", "Paragraph": "1", "Subparagraph": "i", "Sentence": "C" }, "r1175": { "role": "http://www.xbrl.org/2003/role/presentationRef", "Publisher": "SEC", "Name": "Regulation S-K", "Number": "229", "Section": "402", "Subsection": "w", "Paragraph": "1", "Subparagraph": "i", "Sentence": "D" }, "r1176": { "role": "http://www.xbrl.org/2003/role/presentationRef", "Publisher": "SEC", "Name": "Regulation S-K", "Number": "229", "Section": "402", "Subsection": "w", "Paragraph": "1", "Subparagraph": "i", "Sentence": "E" }, "r1177": { "role": "http://www.xbrl.org/2003/role/presentationRef", "Publisher": "SEC", "Name": "Regulation S-K", "Number": "229", "Section": "402", "Subsection": "w", "Paragraph": "1", "Subparagraph": "ii" }, "r1178": { "role": "http://www.xbrl.org/2003/role/presentationRef", "Publisher": "SEC", "Name": "Regulation S-K", "Number": "229", "Section": "402", "Subsection": "w", "Paragraph": "1", "Subparagraph": "iii" }, "r1179": { "role": "http://www.xbrl.org/2003/role/presentationRef", "Publisher": "SEC", "Name": "Regulation S-K", "Number": "229", "Section": "402", "Subsection": "w", "Paragraph": "2" }, "r1180": { "role": "http://www.xbrl.org/2003/role/presentationRef", "Publisher": "SEC", "Name": "Regulation S-K", "Number": "229", "Section": "402", "Subsection": "x", "Paragraph": "1" }, "r1181": { "role": "http://www.xbrl.org/2003/role/presentationRef", "Publisher": "SEC", "Name": "Regulation S-K", "Number": "229", "Section": "402", "Subsection": "x", "Paragraph": "2" }, "r1182": { "role": "http://www.xbrl.org/2003/role/presentationRef", "Publisher": "SEC", "Name": "Regulation S-K", "Number": "229", "Section": "402", "Subsection": "x", "Paragraph": "2", "Subparagraph": "ii", "Sentence": "A" }, "r1183": { "role": "http://www.xbrl.org/2003/role/presentationRef", "Publisher": "SEC", "Name": "Regulation S-K", "Number": "229", "Section": "402", "Subsection": "x", "Paragraph": "2", "Subparagraph": "ii", "Sentence": "C" }, "r1184": { "role": "http://www.xbrl.org/2003/role/presentationRef", "Publisher": "SEC", "Name": "Regulation S-K", "Number": "229", "Section": "402", "Subsection": "x", "Paragraph": "2", "Subparagraph": "ii", "Sentence": "D" }, "r1185": { "role": "http://www.xbrl.org/2003/role/presentationRef", "Publisher": "SEC", "Name": "Regulation S-K", "Number": "229", "Section": "402", "Subsection": "x", "Paragraph": "2", "Subparagraph": "ii", "Sentence": "E" }, "r1186": { "role": "http://www.xbrl.org/2003/role/presentationRef", "Publisher": "SEC", "Name": "Regulation S-K", "Number": "229", "Section": "402", "Subsection": "x", "Paragraph": "2", "Subparagraph": "ii", "Sentence": "F" }, "r1187": { "role": "http://www.xbrl.org/2003/role/presentationRef", "Publisher": "SEC", "Name": "Regulation S-K", "Number": "229", "Section": "408", "Subsection": "a" }, "r1188": { "role": "http://www.xbrl.org/2003/role/presentationRef", "Publisher": "SEC", "Name": "Regulation S-K", "Number": "229", "Section": "408", "Subsection": "a", "Paragraph": "1" }, "r1189": { "role": "http://www.xbrl.org/2003/role/presentationRef", "Publisher": "SEC", "Name": "Regulation S-K", "Number": "229", "Section": "408", "Subsection": "a", "Paragraph": "2", "Subparagraph": "A" }, "r1190": { "role": "http://www.xbrl.org/2003/role/presentationRef", "Publisher": "SEC", "Name": "Regulation S-K", "Number": "229", "Section": "408", "Subsection": "a", "Paragraph": "2", "Subparagraph": "B" }, "r1191": { "role": "http://www.xbrl.org/2003/role/presentationRef", "Publisher": "SEC", "Name": "Regulation S-K", "Number": "229", "Section": "408", "Subsection": "a", "Paragraph": "2", "Subparagraph": "C" }, "r1192": { "role": "http://www.xbrl.org/2003/role/presentationRef", "Publisher": "SEC", "Name": "Regulation S-K", "Number": "229", "Section": "408", "Subsection": "a", "Paragraph": "2", "Subparagraph": "D" }, "r1193": { "role": "http://www.xbrl.org/2003/role/presentationRef", "Publisher": "SEC", "Name": "Regulation S-K", "Number": "229", "Section": "408", "Subsection": "b", "Paragraph": "1" }, "r1194": { "role": "http://www.xbrl.org/2003/role/presentationRef", "Publisher": "SEC", "Name": "Regulation S-K", "Section": "402", "Number": "229", "Subsection": "v", "Paragraph": "2", "Subparagraph": "iii", "Sentence": "C", "Clause": "1" }, "r1195": { "role": "http://www.xbrl.org/2003/role/presentationRef", "Publisher": "SEC", "Name": "Regulation S-K", "Section": "402", "Subsection": "v", "Paragraph": "2", "Subparagraph": "iii", "Sentence": "A", "Number": "229" }, "r1196": { "role": "http://www.xbrl.org/2003/role/presentationRef", "Publisher": "SEC", "Name": "Regulation S-K", "Section": "402", "Subsection": "v", "Paragraph": "2", "Subparagraph": "iii", "Sentence": "B", "Clause": "1", "Number": "229" }, "r1197": { "role": "http://www.xbrl.org/2003/role/presentationRef", "Publisher": "SEC", "Name": "Regulation S-K", "Section": "402", "Subsection": "v", "Paragraph": "2", "Subparagraph": "iii", "Sentence": "B", "Clause": "1", "Subclause": "i", "Number": "229" }, "r1198": { "role": "http://www.xbrl.org/2003/role/presentationRef", "Publisher": "SEC", "Name": "Regulation S-T", "Number": "232", "Section": "405" }, "r1199": { "role": "http://www.xbrl.org/2003/role/recommendedDisclosureRef", "Topic": "272", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "45", "Paragraph": "3", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147483014/272-10-45-3" }, "r1200": { "role": "http://www.xbrl.org/2003/role/recommendedDisclosureRef", "Topic": "410", "SubTopic": "30", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "10", "Subparagraph": "(d)(1)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481931/410-30-50-10" }, "r1201": { "role": "http://www.xbrl.org/2003/role/recommendedDisclosureRef", "Topic": "410", "SubTopic": "30", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "10", "Subparagraph": "(d)(3)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481931/410-30-50-10" }, "r1202": { "role": "http://www.xbrl.org/2003/role/recommendedDisclosureRef", "Topic": "450", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "10", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147483076/450-20-50-10" }, "r1203": { "role": "http://www.xbrl.org/2003/role/recommendedDisclosureRef", "Topic": "740", "SubTopic": "323", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "2", "Subparagraph": "(d)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147478156/740-323-50-2" }, "r1204": { "role": "http://www.xbrl.org/2003/role/recommendedDisclosureRef", "Topic": "740", "SubTopic": "323", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "2", "Subparagraph": "(e)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147478156/740-323-50-2" }, "r1205": { "role": "http://www.xbrl.org/2003/role/recommendedDisclosureRef", "Topic": "740", "SubTopic": "323", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "2", "Subparagraph": "(f)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147478156/740-323-50-2" }, "r1206": { "role": "http://www.xbrl.org/2003/role/recommendedDisclosureRef", "Topic": "855", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "3", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147483399/855-10-50-3" }, "r1207": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Name": "Accounting Standards Codification", "Section": "45", "Paragraph": "12", "SubTopic": "10", "Topic": "230", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482740/230-10-45-12" }, "r1208": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Name": "Accounting Standards Codification", "Section": "45", "Paragraph": "15", "SubTopic": "10", "Topic": "230", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482740/230-10-45-15" }, "r1209": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1", "Subparagraph": "(d)(iv)(02)(B)", "SubTopic": "20", "Topic": "715", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480506/715-20-50-1" }, "r1210": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "3", "SubTopic": "10", "Topic": "250", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147483443/250-10-50-3" }, "r1211": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "2", "Subparagraph": "(SX 210.5-03(2)(a))", "SubTopic": "10", "Topic": "220", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147483621/220-10-S99-2" }, "r1212": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "2", "Subparagraph": "(SX 210.5-03(2)(d))", "SubTopic": "10", "Topic": "220", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147483621/220-10-S99-2" }, "r1213": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Name": "Regulation S-K (SK)", "Number": "229", "Section": "1402", "Paragraph": "a", "Publisher": "SEC" }, "r1214": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Name": "Regulation S-K (SK)", "Number": "229", "Section": "1402", "Paragraph": "b", "Subparagraph": "(1)", "Publisher": "SEC" }, "r1215": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Name": "Regulation S-K (SK)", "Number": "229", "Section": "1402", "Paragraph": "b", "Subparagraph": "(2)", "Publisher": "SEC" }, "r1216": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Name": "Regulation S-K (SK)", "Number": "229", "Section": "1402", "Paragraph": "b", "Subparagraph": "(3)", "Publisher": "SEC" }, "r1217": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Name": "Regulation S-K (SK)", "Number": "229", "Section": "1402", "Paragraph": "c", "Subparagraph": "(2)(i)", "Publisher": "SEC" }, "r1218": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Name": "Regulation S-K (SK)", "Number": "229", "Section": "1402", "Paragraph": "c", "Subparagraph": "(2)(ii)", "Publisher": "SEC" }, "r1219": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Name": "Regulation S-K (SK)", "Number": "229", "Section": "1402", "Paragraph": "c", "Subparagraph": "(2)(iii)", "Publisher": "SEC" }, "r1220": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "205", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "7", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147483499/205-20-50-7" }, "r1221": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "210", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1", "Subparagraph": "(SX 210.5-02(1))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480566/210-10-S99-1" }, "r1222": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "210", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1", "Subparagraph": "(SX 210.5-02(17))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480566/210-10-S99-1" }, "r1223": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "210", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1", "Subparagraph": "(SX 210.5-02(18))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480566/210-10-S99-1" }, "r1224": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "210", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1", "Subparagraph": "(SX 210.5-02(24))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480566/210-10-S99-1" }, "r1225": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "210", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1", "Subparagraph": "(SX 210.5-02(3)(a)(4))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480566/210-10-S99-1" }, "r1226": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "210", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1", "Subparagraph": "(SX 210.5-02(6)(a))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480566/210-10-S99-1" }, "r1227": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "210", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1", "Subparagraph": "(SX 210.5-02(9))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480566/210-10-S99-1" }, "r1228": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "220", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "4", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482765/220-10-50-4" }, "r1229": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "220", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "5", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482765/220-10-50-5" }, "r1230": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "220", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "6", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482765/220-10-50-6" }, "r1231": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "230", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "45", "Paragraph": "13", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482740/230-10-45-13" }, "r1232": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "230", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "45", "Paragraph": "14", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482740/230-10-45-14" }, "r1233": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "230", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "45", "Paragraph": "17", "Subparagraph": "(f)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482740/230-10-45-17" }, "r1234": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "230", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "45", "Paragraph": "28", "Subparagraph": "(a)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482740/230-10-45-28" }, "r1235": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "230", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "45", "Paragraph": "28", "Subparagraph": "(b)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482740/230-10-45-28" }, "r1236": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "230", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "8", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482913/230-10-50-8" }, "r1237": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "235", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1", "Subparagraph": "(SX 210.4-08(d))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480678/235-10-S99-1" }, "r1238": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "235", "SubTopic": "10", "Name":

"Accounting Standards Codification", "Section": "S99", "Paragraph": "1", "Subparagraph": "(SX 210.4-08(f))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480678/235-10-S99-1" }, "r1239": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "235", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1", "Subparagraph": "(SX 210.4-08(g)(1)(iii))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480678/235-10-S99-1" }, "r1240": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "235", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1", "Subparagraph": "(SX 210.4-08(h)(1)(Note 1))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480678/235-10-S99-1" }, "r1241": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "235", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1", "Subparagraph": "(SX 210.4-08(h)(2))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480678/235-10-S99-1" }, "r1242": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "250", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "45", "Paragraph": "23", "Subparagraph": "(b)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147483421/250-10-45-23" }, "r1243": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "250", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "45", "Paragraph": "24", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147483421/250-10-45-24" }, "r1244": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "250", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "45", "Paragraph": "5", "Subparagraph": "(b)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147483421/250-10-45-5" }, "r1245": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "250", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "4", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147483443/250-10-50-4" }, "r1246": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "250", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "6", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147483443/250-10-50-6" }, "r1247": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "260", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "45", "Paragraph": "22", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482689/260-10-45-22" }, "r1248": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "260", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "45", "Paragraph": "23", "Subparagraph": "(c)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482689/260-10-45-23" }, "r1249": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "260", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "45", "Paragraph": "28A", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482689/260-10-45-28A" }, "r1250": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "260", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "45", "Paragraph": "55", "Subparagraph": "(b)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482689/260-10-45-55" }, "r1251": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "260", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1", "Subparagraph": "(a)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482662/260-10-50-1" }, "r1252": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "270", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1", "Subparagraph": "(i)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482964/270-10-50-1" }, "r1253": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "280", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "15", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482810/280-10-50-15" }, "r1254": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "280", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "22", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482810/280-10-50-22" }, "r1255": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "280", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "30", "Subparagraph": "(a)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482810/280-10-50-30" }, "r1256": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "280", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "30", "Subparagraph": "(b)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482810/280-10-50-30" }, "r1257": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "280", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "32", "Subparagraph": "(ee)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482810/280-10-50-32" }, "r1258": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "280", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "32", "Subparagraph": "(f)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482810/280-10-50-32" }, "r1259": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "310", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "45", "Paragraph": "2", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481990/310-10-45-2" }, "r1260": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "310", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "40", "Paragraph": "7", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481628/310-20-40-7" }, "r1261": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "320", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "9", "Subparagraph": "(a)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481800/320-10-50-9" }, "r1262": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "321", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "3", "Subparagraph": "(a)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147479536/321-10-50-3" }, "r1263": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "321", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "3", "Subparagraph": "(b)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147479536/321-10-50-3" }, "r1264": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "321", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "3", "Subparagraph": "(c)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147479536/321-10-50-3" }, "r1265": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "323", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "3", "Subparagraph": "(c)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481687/323-10-50-3" }, "r1266": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "350", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482573/350-20-50-1" }, "r1267": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "350", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1", "Subparagraph": "(a)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482573/350-20-50-1" }, "r1268": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "350", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1", "Subparagraph": "(b)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482573/350-20-50-1" }, "r1269": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "350", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1", "Subparagraph": "(c)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482573/350-20-50-1" }, "r1270": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "350", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1", "Subparagraph": "(d)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482573/350-20-50-1" }, "r1271": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "350", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1", "Subparagraph": "(e)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482573/350-20-50-1" }, "r1272": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "350", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1", "Subparagraph": "(f)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482573/350-20-50-1" }, "r1273": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "350", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1", "Subparagraph": "(g)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482573/350-20-50-1" }, "r1274": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "350", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1", "Subparagraph": "(h)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482573/350-20-50-1" }, "r1275": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "350", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1A", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482573/350-20-50-1A" }, "r1276": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "350", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "2", "Subparagraph": "(b)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482573/350-20-50-2" }, "r1277": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "360", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "45", "Paragraph": "5", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482130/360-10-45-5" }, "r1278": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "360", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "3", "Subparagraph": "(c)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482099/360-10-50-3" }, "r1279": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "405", "SubTopic": "30", "Name": "Accounting Standards Codification", "Publisher": "FASB", "URI": "https://asc.fasb.org/405-30/tableOfContent" }, "r1280": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "405", "SubTopic": "40", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1", "Subparagraph": "(b)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147477092/405-40-50-1" }, "r1281": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "405", "SubTopic": "40", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1", "Subparagraph": "(c)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147477092/405-40-50-1" }, "r1282": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "405", "SubTopic": "40", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1", "Subparagraph": "(e)(2)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147477092/405-40-50-1" }, "r1283": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "410", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1", "Subparagraph": "(c)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481850/410-20-50-1" }, "r1284": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "410", "SubTopic": "30", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "10", "Subparagraph": "(c)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481931/410-30-50-10" }, "r1285": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "410", "SubTopic": "30", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "10", "Subparagraph": "(d)(1)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481931/410-30-50-10" }, "r1286": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "410", "SubTopic": "30", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "7", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481931/410-30-50-7" }, "r1287": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "420", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "45", "Paragraph": "3", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482047/420-10-45-3" }, "r1288": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "420", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1", "Subparagraph": "(b)(2)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482017/420-10-50-1" }, "r1289": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "420", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "2", "Subparagraph": "(SAB Topic 5.P.4.b.2)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147479823/420-10-S99-2" }, "r1290": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "450", "Name": "Accounting Standards Codification", "Publisher": "FASB", "URI": "https://asc.fasb.org/450/tableOfContent" }, "r1291": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "450", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147483076/450-20-50-1" }, "r1292": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "450", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "4", "Subparagraph": "(a)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147483076/450-20-50-4" }, "r1293": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "450", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "9", "Subparagraph": "(a)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147483076/450-20-50-9" }, "r1294": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "450", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "9", "Subparagraph": "(b)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147483076/450-20-50-9" }, "r1295": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "450", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1", "Subparagraph": "(SAB Topic 5.Y.Q1)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480102/450-20-S99-1" }, "r1296": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "450", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1", "Subparagraph": "(SAB Topic 5.Y.Q2)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480102/450-20-S99-1" }, "r1297": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "470", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "6", "Subparagraph": "(a)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481544/470-10-50-6" }, "r1298": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "470", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "6", "Subparagraph": "(b)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481544/470-10-50-6" }, "r1299": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "470", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1A", "Subparagraph": "(SX 210.13-01(a)(4)(i))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480097/470-10-S99-1A" }, "r1300": { "role":

*"http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "470", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1A", "Subparagraph": "(SX 210.13-01(a)(4)(ii))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480097/470-10-S99-1A" }, "r1301": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "470", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1A", "Subparagraph": "(SX 210.13-01(a)(4)(iii))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480097/470-10-S99-1A" }, "r1302": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "470", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1A", "Subparagraph": "(SX 210.13-01(a)(4)(iv))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480097/470-10-S99-1A" }, "r1303": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "470", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1B", "Subparagraph": "(SX 210.13-02(a)(4)(iv))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480097/470-10-S99-1B" }, "r1304": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "470", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1B", "Subparagraph": "(d)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481139/470-20-50-1B" }, "r1305": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "606", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "5", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147479806/606-10-50-5" }, "r1306": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "606", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "55", "Paragraph": "91", "Subparagraph": "(a)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147479777/606-10-55-91" }, "r1307": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "715", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1", "Subparagraph": "(a)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480506/715-20-50-1" }, "r1308": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "715", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1", "Subparagraph": "(a)(1)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480506/715-20-50-1" }, "r1309": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "715", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1", "Subparagraph": "(a)(10)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480506/715-20-50-1" }, "r1310": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "715", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1", "Subparagraph": "(a)(2)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480506/715-20-50-1" }, "r1311": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "715", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1", "Subparagraph": "(a)(3)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480506/715-20-50-1" }, "r1312": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "715", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1", "Subparagraph": "(a)(4)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480506/715-20-50-1" }, "r1313": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "715", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1", "Subparagraph": "(a)(5)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480506/715-20-50-1" }, "r1314": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "715", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1", "Subparagraph": "(a)(6)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480506/715-20-50-1" }, "r1315": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "715", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1", "Subparagraph": "(a)(7)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480506/715-20-50-1" }, "r1316": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "715", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1", "Subparagraph": "(a)(8)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480506/715-20-50-1" }, "r1317": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "715", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1", "Subparagraph": "(a)(9)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480506/715-20-50-1" }, "r1318": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "715", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1", "Subparagraph": "(b)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480506/715-20-50-1" }, "r1319": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "715", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1", "Subparagraph": "(b)(1)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480506/715-20-50-1" }, "r1320": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "715", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1", "Subparagraph": "(b)(2)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480506/715-20-50-1" }, "r1321": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "715", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1", "Subparagraph": "(b)(3)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480506/715-20-50-1" }, "r1322": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "715", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1", "Subparagraph": "(b)(4)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480506/715-20-50-1" }, "r1323": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "715", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1", "Subparagraph": "(b)(5)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480506/715-20-50-1" }, "r1324": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "715", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1", "Subparagraph": "(b)(6)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480506/715-20-50-1" }, "r1325": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "715", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1", "Subparagraph": "(b)(7)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480506/715-20-50-1" }, "r1326": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "715", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1", "Subparagraph": "(b)(8)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480506/715-20-50-1" }, "r1327": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "715", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1", "Subparagraph": "(c)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480506/715-20-50-1" }, "r1328": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "715", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1", "Subparagraph": "(d)(i)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480506/715-20-50-1" }, "r1329": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "715", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1", "Subparagraph": "(d)(ii)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480506/715-20-50-1" }, "r1330": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "715", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1", "Subparagraph": "(d)(iv)(01)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480506/715-20-50-1" }, "r1331": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "715", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1", "Subparagraph": "(d)(iv)(02)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480506/715-20-50-1" }, "r1332": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "715", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1", "Subparagraph": "(d)(iv)(02)(A)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480506/715-20-50-1" }, "r1333": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "715", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1", "Subparagraph": "(d)(iv)(02)(C)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480506/715-20-50-1" }, "r1334": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "715", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1", "Subparagraph": "(d)(iv)(03)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480506/715-20-50-1" }, "r1335": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "715", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1", "Subparagraph": "(e)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480506/715-20-50-1" }, "r1336": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "715", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1", "Subparagraph": "(f)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480506/715-20-50-1" }, "r1337": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "715", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1", "Subparagraph": "(g)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480506/715-20-50-1" }, "r1338": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "715", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1", "Subparagraph": "(h)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480506/715-20-50-1" }, "r1339": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "715", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1", "Subparagraph": "(h)(1)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480506/715-20-50-1" }, "r1340": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "715", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1", "Subparagraph": "(h)(2)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480506/715-20-50-1" }, "r1341": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "715", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1", "Subparagraph": "(h)(3)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480506/715-20-50-1" }, "r1342": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "715", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1", "Subparagraph": "(h)(4)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480506/715-20-50-1" }, "r1343": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "715", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1", "Subparagraph": "(h)(5)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480506/715-20-50-1" }, "r1344": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "715", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1", "Subparagraph": "(h)(6)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480506/715-20-50-1" }, "r1345": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "715", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1", "Subparagraph": "(h)(7)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480506/715-20-50-1" }, "r1346": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "715", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1", "Subparagraph": "(i)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480506/715-20-50-1" }, "r1347": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "715", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1", "Subparagraph": "(j)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480506/715-20-50-1" }, "r1348": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "715", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1", "Subparagraph": "(k)(1)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480506/715-20-50-1" }, "r1349": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "715", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1", "Subparagraph": "(k)(2)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480506/715-20-50-1" }, "r1350": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "715", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1", "Subparagraph": "(k)(3)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480506/715-20-50-1" }, "r1351": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "715", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1", "Subparagraph": "(k)(4)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480506/715-20-50-1" }, "r1352": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "715", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1", "Subparagraph": "(n)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480506/715-20-50-1" }, "r1353": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "715", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1", "Subparagraph": "(q)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480506/715-20-50-1" }, "r1354": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "715", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "2", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480506/715-20-50-2" }, "r1355": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "715", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "3", "Subparagraph": "(a)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480506/715-20-50-3" }, "r1356": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "715", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "3", "Subparagraph": "(b)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480506/715-20-50-3" }, "r1357": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "715", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "6", "Subparagraph": "(a)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480506/715-20-50-6" }, "r1358": { "role":

"http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "715", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "6", "Subparagraph": "(a)(1)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480506/715-20-50-6" }, "r1359": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "715", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "6", "Subparagraph": "(a)(2)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480506/715-20-50-6" }, "r1360": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "715", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "6", "Subparagraph": "(a)(3)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480506/715-20-50-6" }, "r1361": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "715", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "6", "Subparagraph": "(a)(4)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480506/715-20-50-6" }, "r1362": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "715", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "6", "Subparagraph": "(a)(5)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480506/715-20-50-6" }, "r1363": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "715", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "6", "Subparagraph": "(a)(6)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480506/715-20-50-6" }, "r1364": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "715", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "6", "Subparagraph": "(a)(7)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480506/715-20-50-6" }, "r1365": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "715", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "6", "Subparagraph": "(b)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480506/715-20-50-6" }, "r1366": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "715", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "8", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480506/715-20-50-8" }, "r1367": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "715", "SubTopic": "80", "Name": "Accounting Standards Codification", "Section": "35", "Paragraph": "1", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480606/715-80-35-1" }, "r1368": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "715", "SubTopic": "80", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "11", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480576/715-80-50-11" }, "r1369": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "715", "SubTopic": "80", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "9", "Subparagraph": "(b)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480576/715-80-50-9" }, "r1370": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "740", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "12", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482685/740-10-50-12" }, "r1371": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "740", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "15", "Subparagraph": "(e)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482685/740-10-50-15" }, "r1372": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "740", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "2", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482685/740-10-50-2" }, "r1373": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "740", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "3", "Subparagraph": "(a)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482685/740-10-50-3" }, "r1374": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "740", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "9", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482685/740-10-50-9" }, "r1375": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "740", "SubTopic": "323", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1A", "Subparagraph": "(a)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147478156/740-323-50-1A" }, "r1376": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "740", "SubTopic": "323", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1A", "Subparagraph": "(b)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147478156/740-323-50-1A" }, "r1377": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "740", "SubTopic": "323", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1A", "Subparagraph": "(c)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147478156/740-323-50-1A" }, "r1378": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "740", "SubTopic": "323", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1A", "Subparagraph": "(d)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147478156/740-323-50-1A" }, "r1379": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "815", "SubTopic": "40", "Name": "Accounting Standards Codification", "Section": "65", "Paragraph": "1", "Subparagraph": "(e)(3)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480175/815-40-65-1" }, "r1380": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "820", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "35", "Paragraph": "54B", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482134/820-10-35-54B" }, "r1381": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "820", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "2", "Subparagraph": "(a)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482106/820-10-50-2" }, "r1382": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "820", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "2", "Subparagraph": "(b)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482106/820-10-50-2" }, "r1383": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "820", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "2", "Subparagraph": "(bbb)(1)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482106/820-10-50-2" }, "r1384": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "820", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "2", "Subparagraph": "(bbb)(2)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482106/820-10-50-2" }, "r1385": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "820", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "2", "Subparagraph": "(bbb)(2)(i)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482106/820-10-50-2" }, "r1386": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "820", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "2", "Subparagraph": "(c)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482106/820-10-50-2" }, "r1387": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "820", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "2", "Subparagraph": "(c)(1)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482106/820-10-50-2" }, "r1388": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "820", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "2", "Subparagraph": "(c)(1a)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482106/820-10-50-2" }, "r1389": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "820", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "2", "Subparagraph": "(c)(2)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482106/820-10-50-2" }, "r1390": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "820", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "2", "Subparagraph": "(c)(3)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482106/820-10-50-2" }, "r1391": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "820", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "2", "Subparagraph": "(d)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482106/820-10-50-2" }, "r1392": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "820", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "2E", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482106/820-10-50-2E" }, "r1393": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "820", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "3", "Subparagraph": "(a)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482106/820-10-50-3" }, "r1394": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "820", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "3", "Subparagraph": "(b)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482106/820-10-50-3" }, "r1395": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "820", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "6A", "Subparagraph": "(a)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482106/820-10-50-6A" }, "r1396": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "825", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "28", "Subparagraph": "(f)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482907/825-10-50-28" }, "r1397": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "830", "SubTopic": "30", "Name": "Accounting Standards Codification", "Section": "45", "Paragraph": "20", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481694/830-30-45-20" }, "r1398": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "830", "SubTopic": "30", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481674/830-30-50-1" }, "r1399": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "830", "SubTopic": "30", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147479424/830-30-S99-1" }, "r1400": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "835", "SubTopic": "30", "Name": "Accounting Standards Codification", "Section": "45", "Paragraph": "2", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482925/835-30-45-2" }, "r1401": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "835", "SubTopic": "30", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482900/835-30-50-1" }, "r1402": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "850", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "3", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147483326/850-10-50-3" }, "r1403": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "852", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "7", "Subparagraph": "(a)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481404/852-10-50-7" }, "r1404": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "852", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "7", "Subparagraph": "(b)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481404/852-10-50-7" }, "r1405": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "860", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "3", "Subparagraph": "(c)(1)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481326/860-20-50-3" }, "r1406": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "860", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "3", "Subparagraph": "(c)(2)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481326/860-20-50-3" }, "r1407": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "860", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "3", "Subparagraph": "(c)(3)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481326/860-20-50-3" }, "r1408": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "860", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "4", "Subparagraph": "(b)(1)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481326/860-20-50-4" }, "r1409": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "860", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "4", "Subparagraph": "(b)(2)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481326/860-20-50-4" }, "r1410": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "860", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "4", "Subparagraph": "(b)(3)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481326/860-20-50-4" }, "r1411": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "912", "SubTopic": "730", "Name": "Accounting Standards Codification", "Section": "25", "Paragraph": "1", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147479532/912-730-25-1" }, "r1412": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "932", "SubTopic": "235", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "13", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147477215/932-235-50-13" }, "r1413": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "932", "SubTopic": "235", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "15", "Subparagraph": "(a)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147477215/932-235-50-15" }, "r1414": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "932", "SubTopic": "235", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "15", "Subparagraph": "(b)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147477215/932-235-50-15" }, "r1415": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "932", "SubTopic": "235", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "18", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147477215/932-235-50-18" }, "r1416": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "942", "SubTopic": "210", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1", "Subparagraph": "(SX 210.9-03(1)(a))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147478546/942-210-S99-1" }, "r1417": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "944", "SubTopic": "210", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1", "Subparagraph": "(SX 210.7-03(a)(16)(a)(1))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147478777/944-210-S99-1" }, "r1418": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "944", "SubTopic": "210", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1",

"Subparagraph": "(SX 210.7-03(a)(16)(a)(2))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147478777/944-210-S99-1" }, "r1419": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "944", "SubTopic": "210", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1", "Subparagraph": "(SX 210.7-03(a)(2))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147478777/944-210-S99-1" }, "r1420": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "944", "SubTopic": "30", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "2B", "Subparagraph": "(a)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147479432/944-30-50-2B" }, "r1421": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "944", "SubTopic": "310", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "3", "Subparagraph": "(a)(1)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147477363/944-310-50-3" }, "r1422": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "944", "SubTopic": "310", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "3", "Subparagraph": "(a)(2)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147477363/944-310-50-3" }, "r1423": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "944", "SubTopic": "310", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "3", "Subparagraph": "(a)(3)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147477363/944-310-50-3" }, "r1424": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "944", "SubTopic": "40", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "4B", "Subparagraph": "(a)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480081/944-40-50-4B" }, "r1425": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "944", "SubTopic": "40", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "4B", "Subparagraph": "(b)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480081/944-40-50-4B" }, "r1426": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "944", "SubTopic": "40", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "4C", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480081/944-40-50-4C" }, "r1427": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "944", "SubTopic": "40", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "4D", "Subparagraph": "(a)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480081/944-40-50-4D" }, "r1428": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "944", "SubTopic": "40", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "4G", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480081/944-40-50-4G" }, "r1429": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "944", "SubTopic": "40", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "5", "Subparagraph": "(a)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480081/944-40-50-5" }, "r1430": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "944", "SubTopic": "40", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "5", "Subparagraph": "(b)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480081/944-40-50-5" }, "r1431": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "944", "SubTopic": "40", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "5", "Subparagraph": "(c)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480081/944-40-50-5" }, "r1432": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "944", "SubTopic": "40", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "5", "Subparagraph": "(d)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480081/944-40-50-5" }, "r1433": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "944", "SubTopic": "40", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "6", "Subparagraph": "(a)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480081/944-40-50-6" }, "r1434": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "944", "SubTopic": "40", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "6", "Subparagraph": "(b)(1)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480081/944-40-50-6" }, "r1435": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "944", "SubTopic": "40", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "6", "Subparagraph": "(b)(2)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480081/944-40-50-6" }, "r1436": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "944", "SubTopic": "40", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "6", "Subparagraph": "(b)(3)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480081/944-40-50-6" }, "r1437": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "944", "SubTopic": "40", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "6", "Subparagraph": "(b)(4)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480081/944-40-50-6" }, "r1438": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "944", "SubTopic": "40", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "6", "Subparagraph": "(b)(5)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480081/944-40-50-6" }, "r1439": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "944", "SubTopic": "40", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "6", "Subparagraph": "(b)(6)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480081/944-40-50-6" }, "r1440": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "944", "SubTopic": "40", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "6", "Subparagraph": "(c)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480081/944-40-50-6" }, "r1441": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "944", "SubTopic": "40", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "7A", "Subparagraph": "(a)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480081/944-40-50-7A" }, "r1442": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "944", "SubTopic": "40", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "7A", "Subparagraph": "(b)(1)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480081/944-40-50-7A" }, "r1443": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "944", "SubTopic": "40", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "7A", "Subparagraph": "(b)(2)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480081/944-40-50-7A" }, "r1444": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "944", "SubTopic": "40", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "7A", "Subparagraph": "(b)(3)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480081/944-40-50-7A" }, "r1445": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "944", "SubTopic": "40", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "7A", "Subparagraph": "(c)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480081/944-40-50-7A" }, "r1446": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "944", "SubTopic": "40", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "7A", "Subparagraph": "(d)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480081/944-40-50-7A" }, "r1447": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "944", "SubTopic": "40", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "7B", "Subparagraph": "(a)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480081/944-40-50-7B" }, "r1448": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "944", "SubTopic": "40", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "7B", "Subparagraph": "(b)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480081/944-40-50-7B" }, "r1449": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "944", "SubTopic": "40", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "7B", "Subparagraph": "(c)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480081/944-40-50-7B" }, "r1450": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "944", "SubTopic": "80", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "2", "Subparagraph": "(b)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480109/944-80-50-2" }, "r1451": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "944", "SubTopic": "80", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "2", "Subparagraph": "(c)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480109/944-80-50-2" }, "r1452": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "946", "SubTopic": "205", "Name": "Accounting Standards Codification", "Section": "45", "Paragraph": "4", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147478009/946-205-45-4" }, "r1453": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "946", "SubTopic": "210", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "6", "Subparagraph": "(a)(3)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147478795/946-210-50-6" }, "r1454": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "946", "SubTopic": "220", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "3", "Subparagraph": "(SX 210.6-09(4)(b))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147479134/946-220-S99-3" } } } ZIP 100 0000950170-24-090092-xbrl.zip

IDEA: XBRL DOCUMENT begin 644 0000950170-24-090092-xbrl.zip M4$L#!!0 (*Z(EF+++SW="X'4'E;(@%FNFP)4I!JP*0;8DI6$YX8\G8MY7%]Q8;T
M7Q-MO#U+N&>?S84/6X%Y=;4Z7N]&%^#:E@V7X83%$MF;\@FCj5~8K@
M5L=?/WWI\MT=~?/.3Hhhhhhh